

■ GERONTOLOGY

Dortmund investigates how to help senior citizens help themselves



Six per cent of Dortmund's senior citizens consider that old people do not have any problems. But one in three of the 82,000 old age pensioners in the city has experienced and learned to fear loneliness. The municipal authorities have asked their senior citizens what troubles they have. The results of this survey will be used as the basis of a plan to help the elderly.

The results of information gathering by the Institute for Social Welfare Research in Cologne are contained on 155 pages in the file.

Elderly people in Dortmund are better educated than their contemporaries in Cologne, Düsseldorf, Bremen and Stuttgart. Fourteen per cent of them attended secondary school, which is twice as many as in the other cities.

Lack of contact is not such a severe problem in the mining and heavy industry areas. One in three of the over 65s is a member of at least one club.

Social welfare authorities in the city are pleased with this highly developed opportunity for contact for elderly people which they say lightens their work.

The Dortmund municipal authorities were backed up in this view by Professor

Otto Blume when he published his social welfare report. This explained how varied social welfare organisation and regional tradition are.

In 1871 there were 4.6 per cent over 65 in the population of Germany. By 1933 this had risen to 7.1 and by 1950 it had risen to 9.4 per cent.

According to the Federal Statistics Office one in eight people today in the Federal Republic is over 65. The figure for Dortmund is 12.6 per cent.

The ratio of old men to old women is six to four. In Dortmund there are 800 people aged 90 and over, that is to say one in 100 people is a nonagenarian.

Professor Blume and his colleagues have emphasised that in any plan to aid the old-aged greater attention must be paid to the women than to the men since 77.1 per cent of male pensioners are married but only 15.8 per cent of the women.

When elderly men are taken ill, Professor Blume says, they can generally rely on their wife to nurse them since she is in most cases younger.

For the 40,500 single and widowed women in Dortmund aged over 65 there are only 70,500 elderly widowers or bachelors.

An education pays handsomely in old age, according to the report. Elderly academics and senior citizens with school-leaving certificates have incomes of over 600 Marks per month. But only 26.8 per cent of elderly people whose education

finished when they left elementary school can claim the same.

The Institute in Cologne has stated that lost education opportunities cannot be recouped in old age. Those who dream of improving their education in old age usually find that this is just wishful thinking.

Those elderly people who have not had a high-school education tend to have no interest in concerts and the theatre. Professor Blume speaks of "leisure time passivity".

The people who conducted the survey in Dortmund have discovered that by far the greater part of elderly working men and working women gladly left their employ and have no thoughts of returning to the factory floor or their desk.

Most pensioners in Dortmund consider 60 the ideal age at which to be pensioned. Only 600 of Dortmund's elderly men would like a part-time job to boost their pensions. This figure includes those who retired before the age of 65 - almost 40 per cent.

One third of those questioned in the survey made no mention of old age ailments and the others put a cross next to the word "illness". One in four goes to the doctor several times each month. Four per cent never go to see the doctor.

Three out of four have never been visited by a welfare worker, but only six per cent would like more regular visits. One in five said that he was happy to be alone.

Very few were content with the way they have to live in, but none wanted to go into an old people's home. Following the report a demand has been put forward for improvements in housing, and with particular regard to the elderly.

The report states that old people have managed to shake off the "old man's house" image. People from all sections of the community have stated they would be prepared to spend last years in a home if it were absolutely essential.

Only one in three would voluntarily leave Dortmund. The rest liked the life of good beer and Borussia Dortmund's football team, too much.

The Cologne Institute asked the people of Dortmund what would become of them if they got into difficulties. Eight per cent said that their children would look after them. Thirty per cent said that the State would have to come to their aid and two per cent rely on the Church helping them.

Old with the young

The most important thing for people is not to stick them in ghettos. No attempt is in any case being made to put them in Moscow's position and Cologne has called for residences where the elderly can live and be active. People to be situated in the neighbourhoods and is likely to act. Yet this is a sine qua non of tough negotiations.

It may be difficult, not to say impossible, to deduce Soviet intentions by means of logic and intuition. Egon Bahr, who conducted weeks of preliminary negotiations in Moscow, will no doubt have views on the subject.

But, Moscow's interests, mainly determined by the continuity of its foreign policy aims; can at least be defined to the extent of preventing wrong impressions.

Hans-Joachim Lauth (DIE WELT, 5 July 1970)

This must be pointed out. Passionate advocates of détente in this country could well in all good will assume the Kremlin's intentions to be as good as their own.

Assumptions of this kind, whether they be good or ill will, must not be allowed to stand substitute for the necessary analysis of the other side, partner or opponent.

The powerful Soviet Union, it must be concluded, has no need of a renunciation of the use of force by this country. The West may continually talk of revanchist West German militarism but no one in the Kremlin takes this propaganda seriously. The Soviet Union and its satellites need have no fear of this country resorting to violence.

The reasons for their interest in an agreement must thus be political and less ideological.

IN THIS ISSUE

HOME AFFAIRS Page 3
Warning light is at amber for Brandt/Scheel coalition

ANNIVERSARY Page 6
Potemkin Agreement reviewed after a quarter of a century

EDUCATION Page 8
Is Bremen to be a Red cadet university?

THE ECONOMY Page 10
What role will trade unions play in stabilisation drives?

Outward, Peace and quiet could be achieved without the need for an agreement without only that the Eastern Bloc were to behave accordingly, particularly the GDR in dealings with Berlin. This matter of affairs cannot fail to give rise to suspicions that Moscow wants an agreement on renunciation of the use of

The German Tribune

A WEEKLY REVIEW OF THE GERMAN PRESS

C 20725 C

Bonn must not cast caution to wind in Moscow talks

Along last the centre of the debate on renunciation of the use of force moved to Moscow and so into the sphere of foreign policy. Because of the behaviour of egocentric party politicians in Bonn it had become a domestic matter and clouded the issue of negotiations with the Soviet Union.

There must be no illusions that the relative passivity of Soviet policy in Europe is a final and irrevocable change of heart. The explanation is to be found in the brisk Soviet activity in the Mediterranean.

The Soviet Union does not like operating in several political theatres at one and the same time. At present its attention is centred on the Arab world. The latest reports are that Libya is now also receiving Soviet arms deliveries.

Peaceful coexistence and maintenance of the status quo in Europe are convenient declared policy aims when maritime power is to be developed in the Mediterranean (and elsewhere) in order to gain military and thus political influence on Europe's southern flank.

This is all the stronger a possibility now that for the time being at least the Soviet empire in the West has been safeguarded by the Czechoslovak tragedy.

Indeed, imperial rather than ideologically based policies are involved. The Kremlin invariably makes a display of apparent ideological commitment in order to pursue old-style Russian power politics in a new guise.

In the Middle East Moscow does not even bother to don its ideological mask.

force as a means of gaining an additional legal lever for intervention in this country's domestic affairs.

This would, of course, present no serious problem as long as the Federal Republic enjoyed the protection of the North Atlantic alliance, which, incidentally, is also the guarantee of foreign policy leeway.

Without this safeguard to the West treaties with Moscow would, to put it mildly, be worthless. They would not in any case come about since Moscow would then treat Bonn in an entirely different way.

In the event of an agreement being concluded between this country and the Soviet Union one development is only too likely: Soviet squabbles of varying degrees of intensity during the treaty's life-span.

There must be no illusions that the relative passivity of Soviet policy in Europe is a final and irrevocable change of heart. The explanation is to be found in the brisk Soviet activity in the Mediterranean.

The Soviet Union does not like operating in several political theatres at one and the same time. At present its attention is centred on the Arab world. The latest reports are that Libya is now also receiving Soviet arms deliveries.

Peaceful coexistence and maintenance of the status quo in Europe are convenient declared policy aims when maritime power is to be developed in the Mediterranean (and elsewhere) in order to gain military and thus political influence on Europe's southern flank.

This is all the stronger a possibility now that for the time being at least the Soviet empire in the West has been safeguarded by the Czechoslovak tragedy.

Indeed, imperial rather than ideologically based policies are involved. The Kremlin invariably makes a display of apparent ideological commitment in order to pursue old-style Russian power politics in a new guise.

In the Middle East Moscow does not even bother to don its ideological mask.

Kekkonen's European summit

At a White House reception held during his recent visit to the United States President Kekkonen of Finland introduced a new dimension into discussion of the European security conference of which he is such an ardent advocate.

The conference, he intimated, could play a part in helping European countries to develop their real national characteristics.

It is gone too easy to work out what which countries the Finnish President intended in this way to encourage to take part. His own interest is based on the specific character of Finnish neutrality, with the Soviet Union next door.

Yet the neutrals are in any case



Foreign Minister Walter Scheel is here seen addressing the Press before flying to Moscow for talks with Soviet Foreign Minister Andrei Gromyko on 26 July (Photo: dpa)

Brighter prospects of reconciliation with Poland

With Foreign Minister Scheel's departure for Moscow the prospects of a swift conclusion to the talks between this country and Poland have improved. A full draft has yet to be framed but sections of a draft worked out by both sides are to be submitted to the respective governments.

Reconciliation of the Polish desire for absolute and final definition of frontiers with Bonn's aim of avoiding any impression that the agreement is a precursor to a peace treaty remains something of a problem.

The Federal government is interested in achieving this feat - and by no means solely for domestic reasons. Immediately before Herr Scheel's departure Chancellor Brandt stressed that the government must not jeopardise agreements with Western allies in order to achieve success in negotiations with Eastern Europe.

Following agreement by the Soviet government, gained in State Secretary Bahr's preliminary talks, not to insist on formal recognition but to be satisfied instead with the declaration that the Federal Republic has no territorial claims against anyone there ought no longer to be insuperable obstacles in the way of agreeing on some satisfactory formula.

The Federal government's aim of securing exit permits for inhabitants of the former German territories who were German citizens there before the war ought to put paid to any suspicions that there are underhand motives behind Bonn's efforts to bring about normal relations.

In September both the Duckwitz talks and talks on the establishment of consulates and the trade agreement, already drafted, are to continue. All four issues are linked. If the remaining obstacles are eliminated between now and then a decisive step towards reconciliation with Poland will have been made.

(Süddeutsche Zeitung, 27 July 1970)

Frankfurter Allgemeine

ZEITUNG FÜR DEUTSCHLAND

One of the world's top ten

"Zeitung für Deutschland" ("Newspaper for Germany") is a designation that reflects both the Frankfurter Allgemeine's underlying purpose and, more literally, its circulation - which covers West Berlin and the whole of the Federal Republic. In addition to 140 editors and correspondents of its own, the paper has 450 "stringers" reporting from all over Germany and around the world. 300,000 copies are printed daily, of which 220,000 go to subscribers. 20,000 are distributed

abroad, and the balance is sold on newsstands. Every issue is read by at least four or five persons. Frankfurter Allgemeine Zeitung is the paper of the businessman and the politician, and indeed of everyone who matters in the Federal Republic.

For anyone wishing to penetrate the German market, the Frankfurter Allgemeine is a must. In a country of many famous newspapers its authority, scope, and influence can be matched only at an international level.

Frankfurter Allgemeine

ZEITUNG FÜR DEUTSCHLAND

Member of T.B.A.M. (Top European Advertising Media)

U.S.A.

Advertising representatives:
I.N.T.A. International
and Trade Advertising
1560 Broadway, New York
N.Y. 10036. Tel. 212 581-3735

For Subscriptions:

German Language Publications, Inc.
75 Varick Street
New York, N.Y. 10013
Tel. 212/966-0175

Great Britain

U.K. Advertisement Office:
Room 300 C - Bracken House
10 Cannon Street
London, E.C. 4
Tel. 01-2363716

For Financial Advertising:

Thornorton Publications Limited
30 Finsbury Square
London, E.C. 2
Tel. 01-6284059

For Subscriptions:

Seymour Press
Brixton Road 334
London, S.W. 9
Tel. Red Post 4444

FOREIGN AFFAIRS

Warsaw Pact troop cut talks offer coincides with alarming increase in Soviet naval power

Some time between August and October the Soviet navy will probably be holding manoeuvres in the Atlantic again. The staff of Nato's C-in-C Atlantic are already eagerly waiting to see what new capabilities the Eastern competitors will demonstrate this time.

The last Soviet naval manoeuvres, evidently a combined operation involving units of the Polar, Baltic and Mediterranean fleets, ran parallel to manoeuvres of the Pacific fleet and was rated by Western specialists as the largest naval demonstration ever made by one country in peacetime.

For two years or so Western military men have been seriously alarmed by the rapid development of Soviet naval power. Of late this alarm has assumed panic proportions.

Because the military backbone of the Western alliance is provided by the United States and Great Britain, both traditionally maritime powers, the Soviet advance on the high seas was long not taken seriously in the capital cities of Nato countries.

Even now most strategists in Washington and Western Europe tend to think in terms of relative strength in divisions, tanks, aircraft and tactical and strategic nuclear weapons. The Soviet Mediterranean fleet has been alone in causing furrowed brows.

Yet Soviet naval policy is aimed at a distinct gap in Nato strategy, as a high-ranking Nato officer recently frankly admitted. "In the event of an emergency," he commented, "our entire supply line is endangered."

The nucleus of this threat is a fleet of roughly 100 Soviet submarines equipped with between two and eight missiles

designed for waterborne targets. The missiles are said to have a range of about 500 miles.

Some 35 of these submarines are attached to the Soviet Polar fleet; the remainder are stationed in the Pacific. Equipped with nuclear warheads a single one of these submarines could, experts maintain, destroy an entire convoy.

Not only the number of missile-equipped "killer" submarines is on the increase. The number of Soviet submarines comparable to the Polaris class is also increasing. Above all, the Soviet conventional fleet is mushrooming.

Hardly one per cent of the Soviet fleet is more than twenty years old. Fifty-eight per cent of the US fleet is considered to be unquestionably outdated. According to the Georgetown report even the average age of the vessels of the US Sixth Fleet, the pride of the American navy, is 18.3 years.

Inadequate protection from airborne attack and anti-submarine defences are felt to be weaknesses of the Soviet navy. Moscow has only two helicopter carriers and no aircraft carriers at all.

Despite the evidently continued superiority of Nato's maritime forces Western experts are equally obviously dissatisfied with the West's own anti-submarine defences.

It is admitted that Soviet submarines often give Western radar the slip after passing through the Straits of Gibraltar or the narrow passage between Iceland and the Faeroes.

Nato's flexible response strategy is based on the assumption that an Eastern land attack on the territory of Western European member-countries will be halted and thrown back by the use of

conventional armaments on the front line.

Only if this should not succeed is the use of tactical nuclear weapons to be considered - in the hope that the opponent will be warned and enter into negotiations in order to avoid a major nuclear exchange.

Every American President is bound to hesitate as long as possible before resorting to nuclear weapons and Nato's conventional forces are hardly sufficient to restore the original position.

This is why the swift arrival of strong reinforcement from the United States plays such an important part in Nato strategy. Yet Big Lift manoeuvres have long since made the proposed airlift on the grand scale appear a dubious proposition.

What is more Western European troops are for reasons of economy equipped with ammunition sufficient for mere days rather than weeks. Transatlantic supply lines are thus Nato's Achilles heel.

Pessimists among Nato's military and diplomatic staff also see a close connection between Soviet naval armament and the Budapest memorandum of the Warsaw Pact states.

At its Reykjavik conference in June 1968 the North Atlantic Council called on its Eastern counterpart to enter into negotiations on a balanced mutual reduction of troop strength in Europe.

Then and on several subsequent occasions the Eastern Bloc did not respond to the Western offer. Moscow and the Eastern European governments even seemed prepared to abandon the idea of a European security conference rather than consider the Nato proposal.

Not until this June did they respond to

the Nato offer in the Budapest memorandum. The Warsaw Pact did, however, draw a distinction that could be of importance. They talked in terms of mutual reduction in troops stationed in foreign countries.

The distance between the Eastern board of the United States and the Elbe is nine times that between the Western frontier of the Soviet Union and the Elbe.

According to Western estimates the Soviet Union could send troops drawn from Czechoslovakia and back into these countries within days. By sea, and always providing port facilities are available and are not sunk on the way.

troops would at best take three weeks to reach the Bavarian forest. It would take an estimated 45 days for troops to be ferried from Texas.

This is why Nato is wondering there are not good reasons for the Eastern Bloc offered to negotiate reductions in the strength of troops stationed abroad this year.

1968 was the first year in which the Soviet Union dared to hold large-scale manoeuvres involving surface vessels and aircraft in the waters of Iceland and Norway. Last autumn an entire squadron was despatched to the Caribbean for the first time.

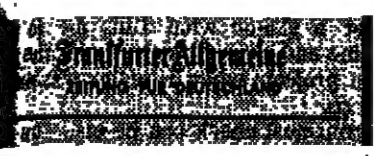
In comparison with the manoeuvres off the coast of Iceland involving eight ships and four submarines the Soviet Union has made great and continues to do so year by year.

One way or the other Nato must have no alternative but to consider whether or not a mutual reduction of troop strength in Europe has to be linked with fleet cuts. The world a good deal nearer a problem of general arms limitation.

(Frankfurter Rundschau, 21 July 1970)

HOME AFFAIRS

Warning light is at amber for Brandt-Scheel coalition



Coalitions are not marriages of a lifetime. The next general election is set aside for divorce and there is a possibility of remarriage on the same day after the elections.

On two occasions, however, the Federal Republic has experienced a premature divorce - the collapse of a coalition. These were coalitions between the CDU/CSU and the FDP.

Konrad Adenauer's and Ludwig Erhard's second coalition with the Free Democrats died an unnatural death, failing to reach their four-year life expectancy.

With this history of coalitions fragmenting it is no wonder that people are already asking whether the Brandt/Scheel coalition in Bonn can make it to 1973 and the next elections, shaking off all

It is still, early days to say that the Social and Free Democratic coalition will not survive. The collapse of a coalition in the Federal Republic is no recommendation for either party.

The split between the Free Democrats and the first Chancellor of the Federal Republic came as a result of the CDU/CSU obtaining an absolute majority. The split with the second chancellor led to the Grand Coalition, which made the FDP into an important opposition party.

The third Bonn chancellor to have concluded a coalition agreement with the FDP, Willy Brandt, cannot help but profit from the experience of his predecessors. Brandt can apply to his "little coalition" the philosophy of Kurt Georg

Kiesinger. Coalition parties are bound to one another until the next general election on a sink or swim basis. Walter Scheel, Hans-Dietrich Genscher and Willi Weyer are unlikely to contradict this.

But the present government differs from the CDU/CSU and SPD Grand Coalition in that the bigger partner will survive, whereas the smaller might die.

Last autumn's general election almost halved the FDP's representation in the Bundestag. The most recent local elections lost the FDP regional groups their seats at Hanover and Saarbrücken. Now the forthcoming local elections threaten to put an end to the FDP's parliamentary existence in Schleswig-Holstein and Hesse, maybe in the Rhineland-Palatinate too.

No election forecasts can be one hundred per cent guaranteed for accuracy. But predictions such as this reflect the uncertainty surrounding the Chancellor's coalition partner and maybe the Chancellor himself.

Willy Brandt's coalition must stand on two feet. The FDP "foot" may well be weaker than the SPD one. But the balance will really be upset if the FDP becomes weaker still.

All the rumours, speculations and suppositions about FDP members quitting the party - not necessarily to join another party - have so far proved to be unfounded. But there is no smoke without fire. The new trend has not brought increased strength to the coalition, it has weakened it. And those old-style liberal members of the party shut out by the new trend are most disturbed to hear the party chairman Walter Scheel talk of political pensioners.

If the provincial assembly elections in the autumn put the FDP further "in the red" these pensioners will be saying that

the whole party is following Walter Scheel into retirement.

FDP members in the Bundestag will remain in active political service until the next general election and one two FDP members who cease to be FDP members will not set out to topple the Chancellor.

Even if the government coalition were to lose its majority by a hair's breadth the Opposition would not welcome a hair's breadth majority of one or two votes in an election for a new chancellor unless a new general election were possible.

Basic Law has, however, set up high barriers against the possibility of new elections. In this Bundestag a CDU/CSU chancellor would have a smaller majority than Chancellor Brandt even if he managed to entice one third of the FDP members to his side. And Brandt's majority is already considered to be the bare minimum.

More than one third of FDP members can, however, reject the ratification of the Federal Republic-Soviet Union treaty for the renunciation of the use of force if this does not meet their demands for amendments to the Basic Law.

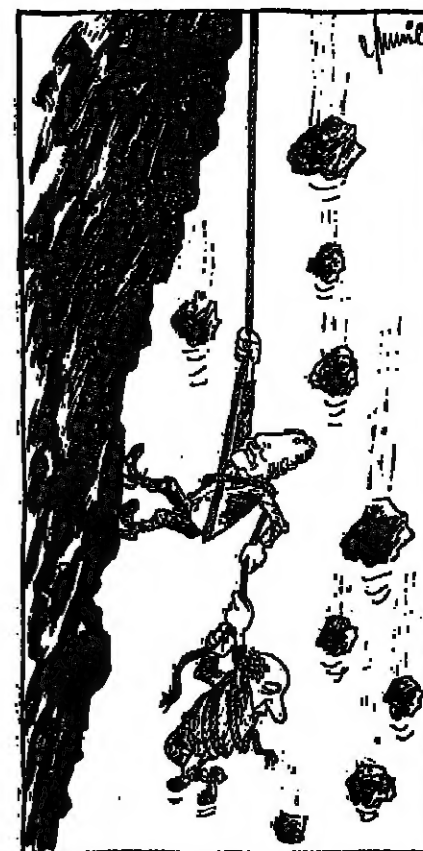
Whether or not the Chancellor calls for a vote of confidence on the matter of ratifying the treaty with Russia a split in the coalition would mean its downfall.

The coalition can and will forego a vote of confidence without doing itself much harm although the left wing of the SPD may be riled by this action.

If the FDP eases up its hard-line opposition to tax increases, as has already begun to happen and the SPD postpones tax reform measures to be agreed at its next extraordinary meeting till the next session of the Bundestag then the coalition will have overcome the fiscal policy hurdle.

But a coalition that could not raise a majority in favour of a Federal Republic-Soviet Union treaty proposed by the Chancellor would no longer merit the description "coalition".

This is the warning light for the Chancellor, the cabinet and the coalition. The light is amber and no one is sure whether it will turn to green or red. Tension is always rife in coalitions. They



Scaling the East face

(Cartoon: Felix Musall, Frankfurter Rundschau)

are marriages in which the honeymoon is soon over.

Tension also exists within the two separate parties and this can have an effect on the coalition. It may lead to radical ideas and tendencies in both the Social and Free Democrat camps.

Those members of the FDP who grow weary of this tension in their own camp and in the government coalition camp may also grow weary of the coalition.

This is especially so when in the framework there is a special coalition of young socialists and young democrats.

On the road ahead Chancellor Willy Brandt must keep a weather eye open for the warning signals.

Alfred Rapp (Frankfurter Allgemeine Zeitung für Deutschland, 22 July 1970)

Welcome allied support will still not make Moscow talks a walk-over

course for the Germans that they no longer feel the need for continual repetition.

The latest collection of assurances is a less straightforward affair. It will always be easier to pledge support for an existing situation than to give one's blessing to a policy of which one can only know where it begins and not where it is leading and what consequences it will have.

Support in such circumstances not only presupposes that the interests of both parties are identical or more or less so but also that the party lending support has a great deal of confidence in the good will and political ability of the party to whom support is lent.

It is small wonder that declarations of agreement with a specific policy cannot be as unambiguous and free from gaps as guarantees of a specific political state of affairs. It is also no wonder that critics of such declarations have less trouble in discovering inadequacies or gaps.

This must be borne in mind by anyone who proposes to evaluate the declarations by Whitehall and above all, the White House that Foreign Minister Scheel brought back from his lightning trip to the two capitals.

Not even the Opposition in this country can now cast serious doubt on the authenticity of President Pompidou's assurances of support "even in the face of all opposition" or of the unambiguous support assured by Sir Alec Douglas-Home and reiterated by him a speech to the Commons on 21 July. It is significant

that America's support in principle can now longer seriously be questioned either following the Foreign Minister's trip. All that can be doubted is Washington's support on details and in respect of the procedure Bonn adopts.

Yet even these misgivings are not borne out by the wording of the appropriate declaration of the US Secretary of State. "The Secretary of State," the communiqué noted, "expressed full confidence in and support for the Federal Republic both in its procedures and in its goal coming to an agreement with the Soviet Union."

The sole possible bone of contention is what is to be understood by the term "procedure." Three points must be borne in mind. Mention is made not only of the goals of Federal Republic policy but also of the procedure. Washington also terms this country's efforts complementary to its own. What is more, these assurances practically amount to carte blanche for Bonn from America to represent US interests in Moscow too.

It is a matter of course that this mandate from one of the two major powers to negotiate with the other on German and to a certain extent American interests cannot be unlimited.

It is anything but a matter of course that it has been given in the first place and to this extent. In the West the Bonn Federal government now has only one serious critic left yet to convince: the Opposition in this country. Discussions with the other side in

Moscow, Warsaw and wherever else contacts may be made are now more important than debate with the Opposition. There should be no mistaken fact that despite allied support it is tough going, tougher, perhaps, than a member of the government might be prepared to admit.

(Kölnischer Stadt-Anzeiger, 21 July 1970)

The German Tribune

PUBLISHER: Friedrich Reincke
EDITOR-IN-CHIEF: Richard Wagner
ASSISTANT EDITOR-IN-CHIEF: Otto Helms
EDITOR: Alexander Anthony
ENGLISH LANGUAGE SUB-EDITOR: Geoffrey Penny
GENERAL MANAGER: Helms Reincke

Friedrich Reincke Verlag GmbH, 22, Schöne Aussicht, Hamburg 2
Tel: 2-24-12-00 - Telex: 66-1473
Advertising rates list No. 1
Printed by: Krüger Buch- und Verlagsdruckerei, Hamburg-Blankenese
Distributed in the USA by: MASS MAILINGS, Inc., 60 West 24th Street, New York, N.Y. 10011

All articles which THE GERMAN TRIBUNE reproduces are published in cooperation with the staff of leading newspapers of the Federal Republic of Germany. They are complete translations of the original text, not abridged or editorially modified. In all correspondence please quote the original number, which appears on the right in the right of your address.

Trade union leaders at loggerheads with wage restraint policies

The wildcat strikes last year just before the general election showed that more than a few card-carrying union members are capable of acting in their own interests without consulting their leaders or following their lead.

These wildcat strikes were for this country something quite new. We are used to well-disciplined and moderate workers, not militant action. They still leave a bitter taste in the mouths of many officials.

At bottom they were an expression of discontent with the unions and their policies. Since the mid-fifties the unions have supported general political action outside the Bundestag and when the Grand Coalition was formed they gave their backing to the Social Democratic members.

The leaders of the Confederation of Federal Republic Trades Unions are just as capable as the government of reckoning accurately what the stakes are now. They agreed that trade unionists must be calmed without thereby undermining the position of the government.

Sporadic warning strikes following the recent economic decisions made by the government have opened the eyes even of those who would rather sit around Karl Schiller's concertated action conference table than act in a worker's kitchen.

Against background events of this kind it was obviously not going to take long

before Heinz Oskar Vetter and his colleagues, following the talks in Bonn with industrialists, chaired by Karl Schiller, took a different line of quiet resigned acceptance of what the government planned.

The time for a demonstration of decisiveness and solidarity on wage policies is badly chosen since further wage demands could give rise to a new wave of price increases, which might swamp the Brandt government.

Union leaders are seeking a way out of the dilemma that will save firstly their faces and secondly the interests of the government.

Otto Brenner, in former years the terror of the people, has advanced to the position of page-boy to the Economic Affairs Minister. He, above all, must do something to preserve his image at the wage negotiations beginning in August, where he will be representing four million metalworkers.

Apart from boosting paypackets Brenner basically needs nothing more than an official strike - just one - in order to knock the bottom out of unofficial wildcat strikes. This would retail to people's minds his former hard, unwavering nature.

In these circumstances it is not surprising that Brenner was highly embarrassed when in an interview SPD party business manager Hans-Jürgen Wischniowski said that in wage negotiations of former days Otto Brenner always showed "moderation and a sense of responsibility."

Not only Brenner has been robbed of the opportunity of both worlds by this interview with Wischniowski.

Sooner or later the crunch comes for all trade union leaders when they have to decide whether they are to give a shot in the arm to government to help it manage the economic or whether they are to put the interests of the workers they represent before everything else.

In order to help them make this decision the Christian Social Union has formed a committee for trade union matters.

Since the CSU is now beginning to take a great deal of interest in the welfare of employees it is not out of the question that the largely social-democratic-minded union leaders will have to wave goodbye to their political idyll.

Only if that happens will it go as far as conflict between the government and the unions.

What the outcome will be is at the moment beyond the bounds of conjecture, since Social Democracy is still generally regarded as being the political brother of organised workers' associations.

It could well be that the relationship between the SPD and the unions is gradually becoming as shallow as that between the Christian Democratic and Christian Social Union parties and the Roman Catholic Church.

Only political disengagement would bring the decision of the Social Demo-

Continued on page 4

GOVERNMENT

Central planning staff to coordinate projects in the pipeline

In comparison with modern management methods the machinery of the Federal government spent twenty years hobbling along in virtually Victorian fashion.

According to Basic Law the Chancellor lays down policy guidelines. Ministers are independent within their own spheres of activity but together abide by Cabinet principles.

In practice this is not the way the system has worked for some time. The uncrowned electoral princes of Bonn are the 1,500 departmental heads and 20,000-odd Ministry officials.

They select topics that seem to them sooner or later to be suitable material for parliamentary Bills or government decrees and get to work.

Not infrequently neither the Minister nor the Chancellor and his aides has the slightest idea of what is cooking in the



departments. There is no discussion as to whether the preparatory work seems advisable at the juncture in question or is in the public interest.

Eventually a report is submitted to the Cabinet for a decision to be made as to whether or not to go ahead. Often enough little can then be done by way of alterations.

This legislative practice struck Grand Coalition Chancellor Kurt Georg Kiesinger as antiquated and it was decided to set up a project group on governmental and administrative reform under the aegis of the Ministry of the Interior.

The Brandt/Scheel Cabinet took more energetic action, a planning staff at the Chancellor's Office being set up as soon as the Social and Free Democratic coalition was formed with a planning officer responsible for each of the fourteen Ministries.

This body, headed by Professor Joachim von Kier, systematised the machinery of government and has since been converted into a planning department at the Chancellor's Office.

The decision as to what is to be presented to the Cabinet for a decision to be taken and when the move is to be made is no longer to be left solely in the hands of Ministerial department heads, as has so often been the case in the past.

In the past the Chancellor's Office has performed three functions. It has been the home base of the Chancellor's aides. It has acted as a kind of secretariat to the Cabinet as a whole. It has also enabled the Chancellor to chair Cabinet meetings and exercise his power to lay down policy guidelines when the need arose.

With the addition of a planning department

ment the Chancellor's Office is now also responsible for overall coordination of Ministerial legislative projects right from their early stages.

Together with the planning department of the Chancellor's Office the planning officers of the various Ministries make up a single body purveying a wide range of information for the government as a whole.

The days are now over and done with when heads of department could beaver away at pet projects with the one hand not knowing what the other was doing, whether it was a pressing need or in accord with the overall policy of the government and how much the whole business was likely to cost.

Computerised Bundestag inaugurates push-button voting

Dress rehearsals for the inauguration of the new voting machinery in the Bundestag have just been brought to a successful conclusion.

Over the past year voting keyboards have been built into all desks in the chamber, to say nothing of thousands of wires. The hub of the entire complex, an AEG 60-10 process computer and ancillary equipment, is housed in the vicinity of the chamber and is ready programmed.

This up-to-date device will probably first be used for divisions after the summer recess, in September or October this year.

Once he has dilled a three-figure number that is allotted to him for the life of the Bundestag in session any member can cast his vote from the seat he happens to be sitting at. He does not need to return to any special seat.

This provision is necessary because in

Projects are registered on data indicating what government departments are involved and what the financial consequences will be. Reports are made to the Chancellor's Office once a month.

With the aid of computers the Bundestag and the Bund, this country's upper house consisting of representatives of the Federal states, see at a glance what Bills are in the pipeline and then decide on priority projects when it seems necessary to do so.

A continual check can be made of state of reform preparations.

Pessimists foresee only one in four of the work in progress in government departments could be the government in an avalanche of legislation.

The uncrowned electoral prince, Germany was what had become of it in white to the Chancellor's Office to do worthwhile work.

Volkmar Hoffmann
(Frankfurter Rundschau, 11 July 1970)

ANNIVERSARY

Potsdam Agreement reviewed after a quarter of a century

What did Germany stand for in 1945? On the second day of the Potsdam conference 25 years ago, on 18 July 1945, Winston Churchill raised this very question.

Possible forfeit of territory notwithstanding, Churchill advocated working on the basis of the German Reich within the frontiers of 1937, i.e. prior to Hitler's Anschluss and subsequent territorial gains.

President Truman backed the British Premier. Stalin's dry rejoinder was that Germany was what had become of it in 1945. Mr Truman insisted that the problem required further consideration.

In the 5 June 1945 declaration by which the US, Soviet, British and French commanders-in-chief (France not being represented at Potsdam) took over military government of Germany it had been stated that Germany was to be administered within the Reich frontiers as of 31 December 1937.

This still accorded with Western views according to which European countries were, after victory in Europe, to be constituted as they had existed prior to Hitler's arrival on the scene.

At Potsdam, however, Churchill and Truman were confronted with the fact that Stalin had meanwhile handed over the administration of large areas of its Eastern occupation zone to Poland.

The size of this administrative zone, to which no prior agreement had been given, did not accord with Churchill and Truman's ideas but just as definition of the concept of Germany was, in the final analysis, postponed until the peace conference, so was the problem of Poland's western frontier along the rivers Oder and Neisse.

A quarter of a century after the event, the last, controversial, open-ended conference between the three main Allies held from 17 July to 1 August 1945, one of the conference's main characteristics would appear to have been the avoidance of decisions on which there could be no going back.

There could be no question of concluding peace with the defeated Germany, a country whose reputation was sullied by the atrocities of the concentration camps. The partner in or potential signatory of a conceivable Peace of Potsdam had been placed under military trusteeship.

The only decision reached at Potsdam was to prepare peace treaties with Italy, Finland, Bulgaria and Rumania, all ex-allies of Hitler.

What, then, was the nature of this meeting that ended with a straightforward governmental agreement that did not even require parliamentary approval? As far as Germany was concerned, basic principles were agreed that would, provided they were adhered to, eventually put the Germans in a position in which they could participate in a peace conference.

Political therapy was prescribed. It included undeniably necessary measures, such as liquidation of the Nazi party and the prosecution of war crimes and crimes against humanity.

It also included rigorous economic controls and industrial fetters together with the principle that the Germans were to be allowed no more than a average standard of living that was never to exceed that of other European countries.

Finally, there were demonstrative reform resolutions — the annihilation of "militarism," the democratisation of public and economic life and the destruction of major firms.

As regards militarism at least the three delegations were agreed insofar as they were all afraid of the defeated German Wehrmacht. As regards democracy oppos-

ition views and legal concepts clashed as soon as the word was uttered.

Democracy in the Soviet communist sense meant the establishment of socialist people's democracies, a process that was in full swing in Poland and Bulgaria and the target in Rumania and Czechoslovakia.

Democracy in the Western sense meant the advocacy of individual freedom and human dignity and when the West talked in terms of world peace Stalin thought of a Pax Sovietica in a world transformed by Communism.

Viewed in this light the Allied re-education plans, by no means coincidentally framed in a Hohenzollern palace in a town symbolising the course of "Prussian militarism," played a part in the division of Germany.

They proposed to treat the Germany in question as a territorial and economic unit but for an initial period at least were not prepared to countenance the idea of a German government.

German politicians advocating a united country were nevertheless left with a narrow basis for action. The final ruling



Attlee, Truman and Stalin pose at Potsdam, the Soviet leader's sole venture outside his own country. (Photo: dpa)

on the shape the former German Reich was to take had been postponed.

Potsdam was neither a peace treaty nor a preliminary to one. It was merely a stopgap agreement designed to be followed by further summits and eventually by a peace conference.

A Potsdam peace treaty would undoubtedly have been far harsher than the didactic precept decided on for the initial period of military government, far more bitter than the Versailles treaty of 1919.

For twenty years the Bonn Federal government never disregarded the narrow leeway provided by the Potsdam agreement. The Soviet government, on the other hand, considered Potsdam to be an invaluable document obliging the Germans to perform certain tasks, among them the transition to democracy, i.e. people's democracy.

To this day the fact that this undertaking has not been carried out in the free part of Germany represents, in Soviet eyes, the German sin against the spirit of Potsdam.

Walter Göttritz
(Die Welt, 17 July 1970)

Trade union leaders

Continued from page 3

cratic party, taken eleven years ago at Bad Godesberg to become a Volkspartei to fruition.

Two hundred and fifteen of the 239 SPD members of the Bundestag are card-carrying union members. This is for many Social Democrats more a matter of faith than a genuine conviction.

At the moment, despite the abortive attempts of some union sympathisers to prevent emergency powers legislation being passed, it seems that the SPD (particularly in matters concerning social welfare) does not feel itself able to act contrary to the declared will of the Confederation of Federal Republic Trade Unions leaders because of the interests of its confirmed supporters.

Maria Stehr

(CHRIST UND WELT, 24 July 1970)

Roughly in the middle of a bungalow on the Rhine the corridors widen to form a small foyer. In the middle of this foyer, midway between sacks of cement and packs of printed matter, tins of paint and workmen's tools, there is a stand consisting of lightweight plastic trays, rather like the supermarket variety but in various colours.

Soon these trays will provide information at any time of day about what topics the Bundestag is handling, what remain on the agenda and what has already been decided.

This bungalow in the garden of Bonn's parliament-building houses the new parliamentary press and information centre that is due to start work after the summer recess. The up-to-date stand with its see-through trays symbolises the intention of providing lucid information and shedding light on the highways and byways of legislation.

This is certainly the ambition of the new institution. Odd though it may seem, the general public is relatively unaware of the workings of the Bundestag.

The extracts from parliamentary debate shown on television are interesting enough but convey a one-sided and at times false impression.

This is hardly the TV men's fault. They are bound to select what are or appear to them to be the newsworthy moments. No, the Bundestag itself is to blame for having felt in the past that it could manage without public relations.

Bundestag press centre aims to shed light on all aspects of parliament

There did, of course, use to be a press department owing allegiance to the Speaker but the work will now be shared between about a dozen news and two dozen backroom staff. They will combine to form a kind of news relay station from which, first and foremost, members themselves stand to benefit.

Which committee meets when and where and what will be on its agenda? It used to take time and effort to find out the answers to all of this and similar questions.

What is important and for whom? New and inexperienced members used to have to hope they would be able to utilise their time as effectively as possible.

They were as unsure of themselves as first-year students and it was doubtful whether the old hands would go to the trouble of putting them properly into the picture. In such confusion they could hardly be expected to do so.

Crucial legislative work is carried out at committee stage. It is often said but how often has one been able to see for oneself?

In future the staffers of the four-man "Parliamentary Correspondence" will attend every session and when the Bundestag is in session issue bulletins three times



a day so as to enable everyone to keep up to date whenever he wants.

The Press, Radio and Television department, now in the process of installing equipment, will not work entirely for the outside world either. It will also be an organisational switchboard.

Star debaters will be recorded on tape and video but closed-circuit facilities will also be provided — not only for fellow press and media men but also for members of parliament.

This is not to say that journalists and TV commentators will no longer need to put in any legwork. They will still be able to go to the fountainhead and interview individual members. Lobby correspondents will, however, have an easier time of it.

The only section fully open to members of the general public will be the public-relations department. It will produce brochures, films and tapes aimed at contributing towards a better understanding of Bundestag work.

Else Schüller
(Kleiner Nachrichten, 16 July 1970)

each debate, whether it be on the policy or some aspect of home affairs, appropriate specialists of all three occupy the front benches.

There is no possibility of their vote by switching seats in the middle division either. Each seat is wired and vote is only valid when the member remains seated during the entire procedure.

When a computerised vote is called, each member presses one of three buttons, "Yes," "No," or "Abstention." The matter of seconds the monitor by the Speaker's rostrum registers the result.

When divisions are held (and the present complicated procedure goes by picturesque name of the "sheep jump," German) the Speaker's monitor shows result in straightforward figures: 281 Ayes 180, Noes 160, Abstentions 25.

When members for West Berlin are entitled to vote, as is the case in divisions on Acts of Parliament, the Speaker himself presses the appropriate button and the Berlin members' votes are added separately.

When an open vote is called for the voting figures appear on the Speaker's monitor and within a matter of minutes the teleprinter linked to the computer prints out a complete list of members together with the way they have voted. Members who did not vote are also indicated.

If required elections can also be conducted by computer. Up to five candidates can be nominated for a post (more) and the vote taken by pressing figures. The computer then releases figures. There is no way of discussion which way individual members voted.

The new device can be used not only for divisions but also for catching the Speaker's eye, as it were. A member would like to raise a point of information or to make a contribution to the debate only to dial his ID number and see the desk at which he is sitting and one or other of another two buttons.

His name and party immediately appear on the Speaker's monitor. Swiftly and straightforwardly the Speaker can call on who would like to make a contribution to the debate on the topic under discussion.

Members will, of course, have to get accustomed to computerised voting but can already be assumed that general methods in the course of next year.

Werner Blichke
(Das Parlament, 18 July 1970)

Book Review

Two Germanies

over the executive and the legislative and have a certain amount of control over the judiciary by virtue of appointments and alterations to the law.

The same is true of supranational bodies such as the European Economic Community over which inadequate parliamentary control is exercised.

Sad to say, Thürich does not go into enough detail on the process of development that has led from the welfare-state concepts underlying the state constitutions and the welfare-state declarations incorporated in Basic Law to emergency legislation.

Much could have been outlined by means of a sketch of the past history and reinterpretation in the wake of restoration of old structures of the democratic and social constitutional and federal state tenets of Articles 28, 1 and 20, 1 of Basic Law.

Without some discussion of this process and the historic setting in which it has taken place the character of it and trends in the ruling systems cannot sufficiently be appreciated by school-children.

Thürich concludes his survey of the Federal Republic with a

The economic section of the book deals with the social free-market economy and the centrally administered economy. Neither term is very informative.

A clearer distinction could have been made between the fundamentally different nature of the two economic systems, the one based on private ownership of the means of production, the other on their nationalisation.

Badlich provides some examples of what he chooses to call the centrally controlled system in the GDR but delves too little into the theory. Only a brief mention is made of the New

Zweimal Deutschland — Lehrbuch für Politik und Zeitgeschichte (Politics and Current Affairs Textbook), Verlag Moritz Diesterweg, Frankfurt/Berlin/Munich — 279 pages, 10.80 Marks.

Economic System of Planning and Control in operation since 1964.

Yet NÖSPL, to use its German abbreviation, is a move in a noteworthy direction and has achieved far from modest results. An acquaintance with it is indispensable for an understanding of the nature of state, economy and society in the GDR.

Thürich concludes his survey of the Federal Republic with a

chapter on society. Unfortunately Endlich does not include a similar chapter in respect of the GDR. He could well have investigated theories of the new society, the competitive society, destalinisation, de-dogmatisation, deliberalisation and so on in the GDR.

Thürich characterises society in the Federal Republic as "groups in conflict." He appears to have little time for ideological approaches with the emphasis on harmony. There can be no insisting the influence of contemporary theories of a critical approach towards political education.

Unfortunately he does not distinguish between dominant and recessive conflicts and so equates conflict between workers and management with that between pupils and teachers.

It is more than doubtful whether such an ambitious project can be handled by one author each for the Federal Republic and the GDR. Such important authors as Richard, Ludz, Weber, Thalheim and Gietze are missing from the bibliography on the GDR. They have exercised little influence on the text either.

Entire complexes such as Stalinism, NÖSPL, education and social structure of the GDR are as good as not mentioned.

(Das Parlament, 11 July 1970)

THE ARTS

The art of mime no longer finds an eager audience



In the fifties this country seemed to be the wonderland of modern mime. It was here that the triumphal progress of Marcel Marceau began (he made his breakthrough in Berlin) and Samy Molcho was discovered and "made."

Adepts at the art of silent eloquence streamed into a country where they supposed there to be an ideal public. Pleasing samples of the art of mime were hailed by delighted audiences.

The feeling of euphoria then current has since well and truly vanished. Marceau and Molcho still draw the crowds but for everyone else the period of apparent flowering when original talent and specific expectations on the part of the public tallied in a most uncommon manner has been followed by a lasting spell of disillusionment.

This country is anything but an Eldorado for mimes. They are the Cinderellas of the arts even when they make do with sentimentality and butterfly-hunt feuilleton style.

At the moment, though, modern mime can neither be reduced to a common denominator nor does it appear to be fit for bourgeois consumption. As a result there is hardly an agent left who is prepared to launch it and get his way.

The present state of affairs is particularly grotesque. Nowhere can there be such outstanding teachers of creative solo mime as here. Yet the general public hardly has an opportunity of noting their existence.

As far as the general public is concerned the long since historic "beep" of Marcel Marceau has come to be regarded as synonymous with the genre as a whole and the film "The Children of Olympus" remains an evergreen.

Virtually unnoticed mime has nonetheless assumed great significance in this country - but in another sector and an equally minor role: in repertory at municipal theatres.

While soloists suffer a dancer's fate many times over and pursue a precarious profession guaranteeing at best subsistence a fat living has of late beckoned from the direction of the theatre.

Even since the theatre broke the spell of merely transmitting literature, beginning instead to accentuate the liberation of the non-theatrical aspects of drama and to rediscover Harlequin, spectacularly ban-

ned from the stage more than 200 years ago by a now forgotten Enlightenment dramatist, mimes have been sought after - less as performers than as directors.

Theatres are increasingly calling on specialists in the art of mime to direct mass scenes and the choreography of exactly calculated successions of movement in drama and modern opera.

What was self-evident in plays such as Peter Weiss' "Marat/Sade" has of late and in other instances gone to such extremes as to amount to an admission of weakness on the part of a number of directors.

This entry of mime through the back door of the theatre on to the boards that were once its own must not be underestimated. What is more, it marks a turning point in the self-esteem of the genre. Etienne Decroux's "mime pur" was not primarily aimed at a return to the theatre and his pupils have mainly aimed at an effect on the public avoiding the roundabout way via the theatre.

The recent approach to an cooperation with the theatre has, on the other hand, mainly benefited the theatre. Nearly everything Decroux formulated theoretically in the thirties has gained acceptance and the artistic discoveries of great individuals are also enriching day-to-day theatre.

Tairoff had already confirmed that the mime was the ideal actor - but, of course, merely as an actor.

In point of fact the development of modern mime has run parallel to the revolution in dead-end theatrical conventions in the course of this century. Artistic inspiration with Far Eastern "Bunraku" theatre, when all is said and done, based to no small extent on the discovery of gesture.

His idea of theatricalising theatre demands more than anything else a new physical awareness on the part of the actor that is repeatedly demonstrated in exemplary fashion by the mime.

In municipal theatrical practice the necessary conclusion is hardly reached but the sine qua non is often lacking. Even many young actors remain insufficiently aware of their bodies as a tool of the trade.

Nearly every major drama college provides courses in mime but they are as a rule a subsidiary subject to which no great importance is attached. Folkwang college in Essen represents the sole exception. Since 1965 two- to three-year full courses of study in mime have been available.

The head of the mime section, Günter Tix, was in the fifties reckoned to be one



Samy Molcho and his mime troupe who recently gave guest performances at Munich theatres

of this country's white hopes as a soloist. Not without a certain skill he tried to transcend the current, successful cliché of soulful cabaret mime making do with human weakness and the fight against the malice of matter and to aim instead at making his performances socially relevant.

Long before the social aspect became run-of-the-mill he achieved considerable success with the beginnings of social reports.

He logically attempted to go further but his idea of portraying subtler and more comprehensive situations with the aid of an ensemble of his own has yet, for a variety of reasons, to be put into practice.

To begin with it was a lack not of money but of a reservoir of talent. It is by no means simply for economic reasons that nearly all former soloists have gone into teaching, which has increasingly involved giving up their artistic careers.

Their own artistic concepts have made this turn of events well-nigh imperative. Youngsters with the necessary qualifications could only be trained insufficient numbers if the necessary teaching staff was available.

At present the shortage of performer potential for a theatre of mime is less acute but its advocates remain as far distant from their goal as ever.

A permanent ensemble existing solely on the proceeds of its own work cannot be conjured out of thin air - and that would be the present situation.

It would like for the time being to make do with a transitional solution. He plans to set up a study ensemble consisting of past Folkwang students of his. Yet even for this accommodation and finances have yet to be forthcoming.

The present unmistakable stagnation can only be overcome by means of an act of generous patronage. A government,

local authority or private patron must be found to foot the relatively small bill for maintaining a solitary regional troupe of mimes.

This patronage would definitely bear artistic fruit. Mime is still in its infancy. The structural forms of modern literature could without difficulty be translated into gesture.

But in order to gain fresh hope mime must above all be in a position to experiment without let or hindrance.

An example has been set in the Netherlands where a youth arts and dance group but also of a troupe. By means of avant-garde experiments this troupe is trying to speak the cliché of the example set by Marcel Marceau, who, let it be added, has ably a great man in his own way.

As yet the general public equates with Marceau. He once defined him as "rendering the invisible visible and the visible invisible." His younger colleagues no longer find his style to their liking though.

It has increasingly become apparent that solo mime of all kinds is an old, dead end. In the narrow leeway between mime theatre, expressive dance and ballet, all too literally hidebound and all too necessarily reduced to the level of witty diversion and superficial art with small "a".

Unable to assume a greater range, it congeals to become an end in itself.

But all this has not prompted the pioneers in the sole artistic genre that everywhere immediately comprehensible and thus able better than any other to put ideas across to throw in the towel.

A few of them recently met in Hamburg near Frankfurt. It was clear that they no means lacked talent and ideas but the more evident that they lacked a courageous support.

A typical case is that of José Gómez, a Spaniard resident in this country for a decade. Although he has some time demonstrated that even mime need by no means merely offer food for inconsidered mass consumption but is also valid as a means of portraying political material, he himself is forced to earn his living as an actor.

At present he is playing a student actor's part at the Ruhr Festival in circumstances others are in a position to accept the tempting offers from the theatre, which suddenly has an unquenchable thirst for movement choreography. Indeed, many of them now continue to commute between Brunswick and Göttingen, Nuremberg and Düsseldorf. They are doing little to promote their own form but in the circumstances what else can they do?

Werner Schulze-Rohlfing (DIE WELT, 11 July 1970)

MUSIC

Carl Orff - great composer of our time

No one can deny that Carl Orff is one of the most successful of contemporary composers. A glance at the statistics shows this. *Carmina Burana* have remained an international top favourite for more than thirty years. His *Schulwerk* has made a great impact all over the world. Nevertheless those who are anti-Orff say that he is a composer of the first rank and refuse to consider him among the ranks of modern composers.

Certainly if Orff's musical techniques are measured with the progressive yardstick he does not belong in this century musically speaking. All his major works make use of major-minor tonality, simple song forms and clear diatonic melodic lines.

The consequences of the musical structure of Richard Wagner's *Tristan und Isolde* seem to have passed Orff by. Nevertheless he has created truly new music. New because it is meant almost exclusively for the stage and sprang from a new concept of the musical theatre.

It is only from this point of view that the question of Carl Orff's merits can be asked. Whether he is "a great composer" is just as uninteresting as the indisputable fact that he is a great creator of stage works.

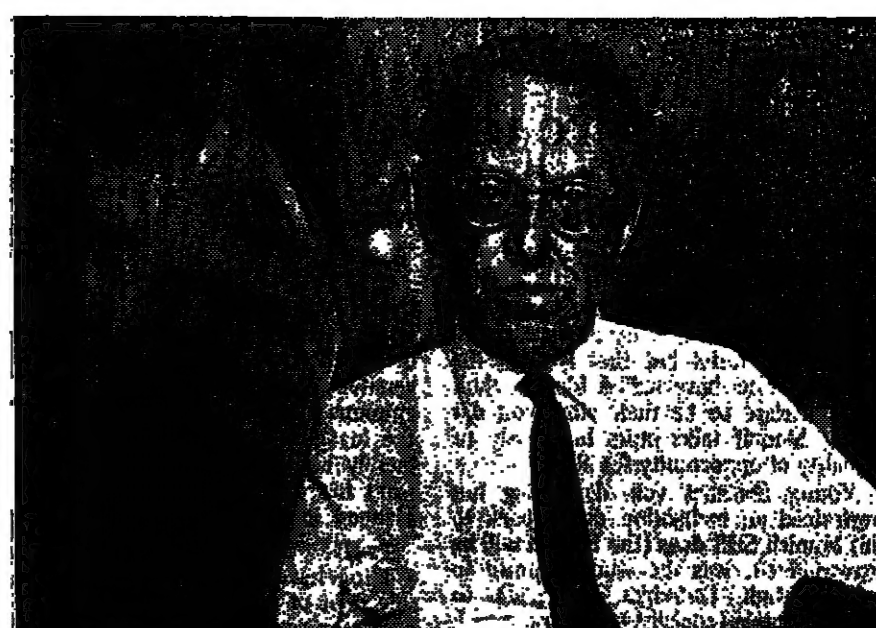
Orff, born on 10 July 1895 in Munich, was living in his home town the *St. Luke Passion* wrongly ascribed to Bach before

Ulrich Brecht to direct overseas

Hardly had Ulrich Brecht, at present theatre manager in Kassel, been appointed manager of Düsseldorf Schauspielhaus from 1972 but he was asked to direct operas in San Francisco and Rio de Janeiro.

Brecht, who by the terms of his new contract is allowed six weeks "leaves" per season to direct elsewhere, plans to oblige in the course of his second season in Düsseldorf. He intends to take leading associates in Kassel with him and weld the team into a combined theatrical management.

They are: directors Kai Braak and Günter Fischer, set designer Thomas Richter-Förch, literary manager and translator Renate Voss and another literary manager. (DIE WELT, 15 July 1970)



Carl Orff (Photo Hannes Kilian)

Frankfurt's Goethe Prize to Georg Lukács

Frankfurt's Goethe Prize and a 50,000 Mark cash award will be presented this year to Georg Lukács, the Hungarian sociologist and historian.

The awarding council approved his nomination by the curatorium responsible for awarding the prize.

The reasons given for the choice of Lukács is his basic humanistic attitude and the special importance of his research into the works of Goethe.

Iring Fetscher, the Frankfurt political scientist, will present Lukács with the prize on 28 August. (DER TAGESBÜRGER, 30 June 1970)

International Film Week in Mannheim

At the International Film Week in Mannheim scheduled to take place between 5 and 10 October this year information from the film world will be in the foreground.

In place of the previous retrospective attitude there will be two exhibitions giving information on the latest developments in film studios.

The one exhibition will be entitled "Das Andere Kino im Ausland" (Underground cinema abroad), while the second "Filme des Jahres 1970" will be devoted to outstanding feature films.

Every film brought to Mannheim will be given a run. This alteration to the schedule of events in Mannheim is designed to comply with requests expressed in the spring at a discussion on the structure of the Mannheim film week.

Film-makers and film audiences asked to comment on the Mannheim International Film Week called for the festival to be made more open and less hidden from public scrutiny.

The conference *Jugend und Film* (Young people and the cinema) will as last year run parallel to the Mannheim festival. Experts on the film from most European nations will attend the Mannheim festival.

This special conference which will take place between 2 and 7 October will deal with the subject "New Methods of Film Education". (DIE WELT, 14 July 1970)

Book Fair boycott intention announced

Left-wing writers, publishers and book-sellers belonging to a group known as the Producers of Literature intend to boycott the work of the Fair council at the Frankfurt book fair.

In Cologne a spokesman for the group commented by way of explanation that the Fair charter proposed by the council and drafted with their assistance has been rejected by the Booksellers Association and the Fair organisers.

Refusal to accept the charter, the spokesman stated, destroys "the democratic basic preconditions for the international Frankfurt book fair and for work of any kind in the West German book trade." (Handelsblatt, 7 July 1970)

Hanover honours Kurt Schwitters

charming, gay rōgue who steered his unswerving moderate course between the Expressionists and Dadaists.

One of his earliest works in *Coalfields and Wood*, an oil painting dating from 1916. One of the latest is a statue of the Madonna sculpted in 1943.

Between these two works Schwitters went through along period of mental and economic distress, depressing loneliness and admirable effort to continue and finish his main life's work, MERZ.

But he died at the age of 61 while still working upon it in Ambleside in the Lake District.

His son, Ernst Schwitters, who now lives in Norway, attended the opening of the new Schwitters rooms in Hanover to help build a bridge from the past of his father to contemporary art on which Kurt Schwitters was an important influence.

"We should not fight our enemies, but our failings" - this is obviously a humane answer to those people who had forced him from his home.

Kurt Schwitters, the great and often misunderstood artist and pioneer, has now found a permanent home in his birthplace after already figuring prominently in the New York Museum of Modern Art and the Impressive Schwitters rooms in Zurich.

Efforts are now being made to transfer his rooms from Ambleside to the Lake District.

(Frankfurter Rundschau, 19 July 1970)

Part of Kurt Schwitters' work, internationally famous, has at last found a home in the Niedersächsisches Landesmuseum in Hanover, the artist's birthplace.

Forty-two paintings, sculptures, reliefs, collages and drawings bear witness to the imaginative productivity to the man who emigrated to Norway in his late forties, before moving on to England. He died all alone in Ambleside on 8 January 1948.

Kurt Schwitters spent most of his life in Hanover but was for years considered a stranger. Only a small circle of faithful friends and patrons sided with the creator of the MERZ column, the Anna Blume-Verbes and the Original Sonnets.

As his fame increased, so did the number of his opponents. But it did not affect him. He basically gay character remained untouched by this. Up to the time he was forced to flee Germany he was always the

Berlin Festival presentations

opening, 19 September, with a performance of Peter Terson's play *Fuzz*.

Other dramatic attractions are Roger Planchon's group from France with their performance of Racine's *Bérénice*, the Berlin Philharmonic Orchestra.

There will be a performance of Act III of Richard Wagner's *Götterdämmerung*. The Schillertheater will open its performance with Goethold *Erasmus* Lesing's comedy *Minna von Barnhelm*, directed by Boleslaw Bagio.

The National Youth Theatre from London will be making a guest appearance on the eve of the Festival's

This year's Berlin Festival, being held from 20 September to 9 October will present ten works being seen for the first time in this country or indeed in the world.

There will be twenty drama and opera premieres, 25 concerts and in addition international guest appearances, exhibitions and lectures.

At the traditional opening concert Herbert von Karajan will conduct the Berlin Philharmonic Orchestra.

There will be a performance of Act III of Richard Wagner's *Götterdämmerung*. The Schillertheater will open its performance with Goethold *Erasmus* Lesing's comedy *Minna von Barnhelm*, directed by Boleslaw Bagio.

(Süddeutsche Zeitung, 15 July 1970)

DIE WELT 15

■ EDUCATION

Is Bremen to be a Red cadre university?

CONTROVERSY OVER VON DER VRING'S APPOINTMENT



Waves of excitement grow in inverse proportion to the distance, in this case the distance from Bremen, where the new university is creating something of a stir even before its doors have opened.

Burgomaster Herbert Weichmann of Hamburg would like to stop a 100-million-Mark grant from the Federal states. Premier Kubel of Lower Saxony, on the other hand, intends to set up universities along the same lines in Oldenburg and Osnabrück.

Cause for concern has been given by the election of Dr Thomas von der Vring, deputy chairman of the Young Socialists, to the post of inaugural vice-chancellor of the university, which is to open in winter 1971/72.

Some people consider the 33-year-old lecturer in political science at Hanover to be an extreme left-winger who would like to alter the function of the university.

Others feel him to be an opportunist who with tactical skill pulls strings behind the scenes, whether it is at the Social Democratic Party conference in Saarbrücken or at local level in Bremen.

It is no coincidence that assessments of von der Vring vary so much. He reckons that the conventional university reproduces a society divided into the privileged and the pariahs and his political programme is designed to change the situation.

He does not frankly admit to wanting to put Bremen University at the disposal of the proletariat but that is what the students who have nailed him to their mast declare to be their aim. Von der Vring himself talks more harmlessly of equality of opportunity for all.

Young Socialist von der Vring has restrained an inclination dating back to his Munich SDS days (the SDS, it will be remembered, was the student group to which Rudi Dutschke belonged) to fashion utopian socialist paradises.

He may not have lost sight of his targets but he certainly adopts a pragmatic approach as far as his own appearances are concerned.

Bremen Burgomaster Annemarie Mevisen was fair carried away in transports of delight when von der Vring paid his first visit as vice-chancellor to the city senate. "What a loyal, upright democrat!" she exclaimed. "Definitely a gain for Bremen!"

Senator Ulrich Graf, state chairman of the Free Democrats, on the other hand, suspects him of being a wolf in sheep's clothing, and the Christian Democrats feel him to be a socialist bourgeois biter who from now on will wreak havoc with the taxpayers' money.

Yet Thomas von der Vring is not as important as he is made out to be. He is a vice-chancellor with strictly limited powers. He may be a member of the inaugural senate of the university but he is not a voting member.

He has to stand by the decisions of the senate and is 'hidden' more a showpiece

than a man who will impose his imprint on Bremen University. His unanimous election by the inaugural senate merely made public what has long been planned in the city.

Twelve inaugural senators have almost sole right of disposal over a university for the first stage of which 600 million Marks are to be invested. Three are students nominated by the Association of Students Unions, three are junior lecturers and six are senior members of the academic staff.

The concept that has come to be known as the Bremen model bestows power on the inaugural senate unparalleled anywhere else in the country. At no other university is the senate the sole decider who is to be appointed to the staff, what research institutes are to be built and what funds are to be invested in which project.

University autonomy demanded by the Conference of University Vice-Chancellors, is practised in radical fashion in Bremen. The city council must grant the funds demanded. The sole brake it has is the right to impose injunctions.

"What point is there," Thomas von der Vring says on the subject, "in local politicians with no idea about anything framing university Acts? The results have been seen in Hesse, Berlin and Hamburg. No one is satisfied, neither students nor staff nor, for that matter, the parliamentarians themselves."

Serious critics of full-scale university autonomy point out that no university has so far proved capable of solving its own problems. Socialist students, junior lecturers on the make and professors out to maintain their power are claimed nowhere to have come to viable terms on how justly to utilise such powers.

In Bremen's inaugural senate divisions do not amount to students on one side, senior staff on the other and junior lecturers in the middle. All are agreed on basic issues.

University must reflect the conflicts within society at large and serve the interests of social progress.

There is also agreement on academic staff combining teaching and research, on integrated teacher training, practical legal studies, group work on projects, a com-

Thomas von der Vring

(Photo: Jochen Ne)

prehensive university and the abolition of conventional academic chairs.

The chairman of the inaugural senate not Thomas von der Vring but Dr. Gerstenberger, lecturer in sociology, Göttingen. Behind the scenes that tractive miniskirted young lady coyly refuses to disclose her age's haggled with local politicians to acceptance for the university Act incorporating all these points. The hesitation she has shown has been having herself voted vice-chancellor.

Until the beginning of this year at Göttingen Germanic studies specialist Walter Killy was the leading light. His chairmanship of the inaugural senate even the Christian Democrats were prepared to countenance the Bremen model.

Professor Killy made himself out to be more liberal than he really was, though having entered the arena as a democrat he overrode the old inaugural senate and he found he was unable to gain acceptance for his own ideas.

In confidential talks with political leaders in Bremen he tried to gain election as vice-chancellor independently of the supervision of students and junior lecturers - and failed.

Bremen, shattered by political crisis (the building land scandal) and a decade of fruitless university planning, has been better or for worse entrusted the fortunes of its university to the twelve inaugural senators. No one wants another tidal strength.

When Thomas von der Vring was due to be confirmed as vice-chancellor-designate by the city, council chairman Hans Knick went on holiday.

Gernot Grötzel

(Münchener Merkur, 11 July 1970)

School broadcasts
a success

North Rhine-Westphalia's Education Ministry has announced that school programmes broadcast regularly by Westdeutscher Rundfunk since 1969 have been a complete success.

Eighty-one per cent of the more than 30,000 secondary school teachers and directors questioned in the Federal state were glad to use television in their subjects.

Sixteen per cent of the teachers stated that they could not yet judge the possible

advantages and disadvantages of school television. Only three per cent rejected television out of hand.

When asked which subjects could particularly be helped by schools broadcasts 72 per cent of the teachers answered geography, 58 per cent history, 54 per cent biology and 52 per cent politics.

The teacher survey also revealed that audio-visual teaching aids such as slides and radio are used twenty per cent more frequently at intermediate schools than in secondary modern and high schools.

Audio-visual methods are used less in the city than in smaller places.

(NEUE RUHR ZEITUNG, 22 June 1970)

■ PHILOSOPHY

Hegel, whose call to Man was: 'Know thyself'

BICENTENARY CELEBRATIONS IN STUTTGART

1870 is well on the way to becoming a memorable commemorative year, with bicentenaries of the birth of no less than three major Germans - Beethoven, Hegel and Hölderlin, a composer, a philosopher and a poet. Hölderlin's bicentenaries of the birth of no less than three major Germans - Beethoven, with pomp and circumstance. The Hegel festivities have yet to come, and there will be two of them. From 12 to 15 July the conservative, academic International Hegel Association is holding a symposium entitled "Hegel 1770 to 1870" in Stuttgart, the philosopher's home town. The left-wing International Hegel Society, based in Salzburg, has invited members and people interested to attend its annual conference in East Berlin from 23 to 29 August. The two competing celebrations illustrate a point that has been obvious for a good 150 years. Hegel is a controversial figure.

No modern philosopher with the exception of Karl Marx has exercised such a decisive and lasting influence on philosophical discussion over the last century and a half as Georg Friedrich Hegel, the patriarch of German Idealistic philosophy, born on 27 August 1770, died in Berlin on 14 November 1831 aged sixty-one.

Pretty well every philosopher of any stature has outlined his attitude towards Hegel, whether it be positive or negative. This, his bicentenary year, should see a fresh climax in the wave of publications on the man and his work. A number of specialist studies are already on the market.

Werner Becker's "Hegel's Concept of Dialectics and the Principle of Idealism" (Kohlhammer, Stuttgart) subjects the grossly overworked concept of dialectics to systematic analysis and is well worth reading.

Sulzkaup are publishing a new twenty-volume edition of the philosophical works. It should be complete by October. Based on the edition commenced shortly after Hegel's death the new texts differ from all subsequent editions in that orthography and punctuation have been brought thoroughly up to date.

Hegel's historic significance can be defined, albeit in oversimplified form, in one sentence. It was he who developed the dialectical method with its thesis, antithesis and synthesis into a universal method of interpretation.

Marx used Hegel's method, altering it to the extent of substituting Man as the subject of history for Hegel's absolute spirit or world spirit, which was supposed to manifest itself in the dialectical process of history.

According to Ernst Bloch, whose book "Subject - Object" is probably the most important and adequate modern Hegel commentary, Hegelian philosophy can be reduced to the laconic tenet: Know thyself.

None can be warmer or more exciting, as Bloch puts it, "and Hegel thinks and teaches nothing else and does so in an unusual manner, modestly and comprehensively".

Hegel himself considered his philosophical system to be the non plus ultra of philosophy up to his time. Bloch is far from alone in clearly rejecting this claim.

New awards of
pour le mérite

Three professors and a theatre producer have been awarded the Pour le Mérite for the Arts and Sciences. They are the architect Professor Egon Eiermann of Karlsruhe Technical University, Walter Gerlach, Professor Emeritus of experimental physics at Munich University, Karl Rühner, Professor of Dogmatics at Münster University and theatre producer Fritz Kortner.

(Süddeutsche Zeitung, 12 July 1970)

vehement attack on Hegelian philosophy by Karl R. Popper, the neo-positivist social philosopher, in the second volume of his "Open Society and Its Enemies."

Popper calls Hegel a false prophet and makes out his social theory, which is claimed to be nothing but an apologia for the Prussian system of government, to have been indirectly responsible for totalitarian power and social politics in this century.

Yet other commentators sound a note of fascination and respect or at the very least one of critical approval of aspects of Hegelian method and certain results of his philosophical approach.

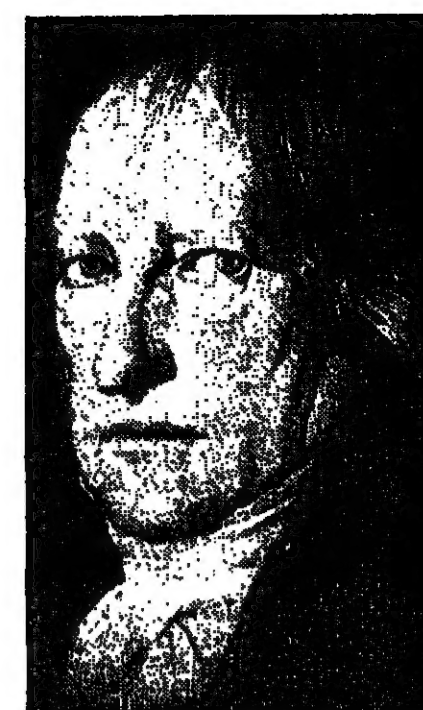
Heinrich Heine, for instance, calls Hegel the "greatest philosopher Germany has produced since Leibniz" and Heine, an enlightenment figure, can hardly be suspected of siding with power systems, no matter how and by whom their claims to power may be legitimated.

These few quotations are intended merely to indicate that the Hegel controversy is by no means over.

Hegelianism, which split into left- (Feuerbach, Marx, Engels) and right-wing trends, may form part of the intellectual scenery of nineteenth-century Germany but the last word on Hegel and his consequences has by no means been said.

Whatever difficulties Hegel may present (and in view of the high degree of abstraction of his thought and the complexity of his language they are legion) the first problem is that reflected by the sentence with which Hegel preceded every reading: "The first thing that must be learnt here is to stand erect."

(Kölnischer Stadt-Anzeiger, 11 July 1970)



Georg Friedrich Hegel
(Photo: Staatsbibliothek Berlin)

Bruno Snell awarded
Hegel Prize

During commemoration celebrations to mark the bicentenary of the birth of philosopher Georg Wilhelm Friedrich Hegel the city of Stuttgart on 12 July awarded its first Hegel Prize to Hamburg philologist Professor Bruno Snell.

The prize, which is to be awarded once every three years for some special achievement in the arts, is worth 15,000 Marks. On the same day an international Hegel conference opened in Stuttgart. It was attended by some fifty specialists from all over the world.

(Frankfurter Rundschau, 14 July 1970)

Eidetic perception is more than memory

PSYCHOLOGISTS LOOK FOR EXPLANATION

One pianist learns new works that he is shortly to interpret in a concert whenever possible in the course of long train journeys, another takes the score to bed with him like other people delve into a detective novel before falling asleep.

When asked they can then say where on which page of the score a certain note is to be found and have the score in front of them in their mind's eye when playing it on the piano.

As a rule they only practise the sections that seem likely to present difficulties either because of technique or because details of their artistic interpretation have yet to be tried out and solved.

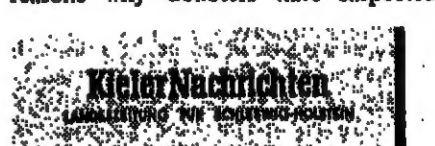
At all events, their memories need no training. The ability to memorise not only the contents but also the printed page of a work, an uncommon faculty but one repeatedly encountered among artists, has much in common with a special talent some people have of visualising past experiences and projecting them, as it were, into the outside world.

Straightforward cases of eidetic perception, as it is called, are frequently reported in specialist publications. Someone sees a page of a book for a few seconds, puts it to one side and then rattles it off without error from the picture he has imprinted on his memory.

Psychologists Dr C. F. Stromeyer and J. Psotka found a 23-year-old woman teacher and painter to have the uncanny ability of reproducing pictures and texts seen for a few seconds right down to the last line and least important comma.

She thought nothing of taking a quick glance at a page of some volume of poems or other she had never seen before and writing the contents of the page down backwards, that is to say, from the bottom up.

Such staggering achievements have invariably been doubted and one of the reasons why doubters have suspected



underhand methods or felt the phenomenon to be impossible is that there used to be no safe means of distinguishing between outstanding memory and genuine eidetic perception.

On the basis of past experiments Stromeyer and Psotka have solved this problem and are now in a position clearly to distinguish between what can be attributed to the faculty memory and what goes beyond it.

According to a report in Praxis-Kurier, the medical journal, their tests involve the use of two dotted patterns nearly alike, neither of which makes up a recognisable drawing.

The components of these two patterns are, however, slightly different from one another, with the result that they combine to convey a three-dimensional impression when viewed through 3-D spectacles.

Guinea pigs are first shown the one picture with one eye covered. Only

people with genuine eidetic perception can then visualise both and "see" the 3-D image.

The young teacher and painter already mentioned found this test laughably simple. And when the experimenters switched the two patterns without her noticing the fact to find out once and for all how perceptive she was she calmly commented that she could now see more deeply what had appeared to be convex. Nor was she the only test person to pass this test with flying colours.

The test also gives rise to another conclusion of a more general kind that is nonetheless extremely important for an understanding of the phenomenon of eidetic perception.

The indications are that eidetic images are connected principally with the eyes. The eyes provide the appropriate section of the brain with the complete pictures which then only need deciphering.

What is even more astonishing, Stromeyer and Psotka have conducted experiments which prove that eidetics can identify three-dimensional patterns even when they are shown the two images at intervals of four days.

Once registered, the impression created by an image can obviously last for some time.

An explanation for the phenomenon has yet to be provided but it is now certain that what is known as eidetic perception is not merely a matter of uncommonly fine memory but in fact a phenomenon on its own.

Ralf Edwards

(Kieker Nachrichten, 14 July 1970)

Discover
the best
of Germany

The holiday of your choice awaits you somewhere between the Alps and the sea: for bathers in bikini and without, for daring mountaineers and leisurely strollers, for members of the international jet set and small-town romantics, for campers and lounge-lizards, for pampered gourmets and hearty eaters, for beer-drinkers and connoisseurs of wine, for art and opera lovers, for merry-go-rounders, jazz fans, collectors of antiques, carmen, anglers, botanists and... and...

Deutsche Zentrale für Fremdenverkehr,
5 Postfach 11 14, Berlin-Neukölln 15
Happy holidays in Germany. Please
send me your free colour brochure with hints
for planning my visit.

(Block letters, please)

Happy
holidays
in Germany

JF511-2-65

THE ECONOMY

What role will trade unions play in stabilisation drives?

DER VOLKSWIRT
Wirtschafts- und Finanz-Zeitung

When compared with those in other countries the trade unions in the Federal Republic are extremely good. From the earliest days of the Federal Republic our unions have been well aware of their responsibility to the economy as a whole.

It is thanks to our trade unions that we have been able to build this country up into a top industrial nation and to bring about the "economic miracle".

In those early days they were in agreement with industrialists' endeavours to find funds to meet capital expenditure from their own earnings and resources. Later on they always kept their wage demands at a reasonable level and their reward was to achieve quick increases in real income for those they represented.

Where else in the world are there trade unions that, like ours, will listen to the needs of the national economy and respect them?

Now appeals are being made to the trade unions again. In its most recent monthly report the Bundesbank says that it hopes more than ever that the sharp rise in wages will level off.

It adds that both sides of industry should now find it easier to come to agreements on wages that will aid endeavours to recover economic stability.

The government, too, is hoping that the restrictive measures it introduced recently will be the signal for more acceptable wage claims. At a meeting of his concerted action committee on 17 July Economic Affairs Minister Karl Schiller urged no effort to win over representatives of trades unions to his way of thinking with regard to wages policies.

Will the unions heed this pressure? Can they meet these appeals to them?

In retrospect it can be seen as a false step on the part of the unions in 1968 when they were hesitant to apply the screws for higher wages. At that time gross wages and salaries went up by only 6.8 per cent whereas average industrialist incomes rose by 20.2 per cent.

But 1968 was a year notorious for misjudgments. Towards the end of the year the Basic Law (also known as the Club of the Ten, that is to say the ten central banks, which was formed in 1961 to counteract excessive hot money investments) met in Bonn and prevented Karl Schiller and Franz Josef Strauss from revealing the Mark.

At the beginning of 1969 the Economic Affairs Minister was still toying with the idea of a further contingency budget. Unions and the government alike were

Unskilled labour force

An investigation by the Institute for Labour and Career Research has shown that of 16.3 million working men 9.1 million (56 per cent) completed their education by learning a skill or taking basic training, but had no other form of advanced career training.

Thirty per cent, that is to say 4.8 million, received no kind of working training whatsoever.

Only 2.3 million (fourteen per cent) went to an institute for career training such as a business management college, technical college, engineering school or university.

(Süddeutsche Zeitung, 17 July 1970)

unified in their anxiety that the boom would not last.

In retrospect we can now see that that was the time when the brakes should have been applied to prevent the economic overheating at the end of 1969 and in early 1970.

With everyone making remarkable mistakes the economic figures published in the first quarter of 1970 were alarming. Prices were leaping up at a greater rate than incomes. Then came the belated flood of wage demands which completed the vicious circle by pushing up prices.

According to the Federal Republic Institute for Economic Research, situated in Berlin, (DIW), the average income rose by 14.4 per cent in the first three months of this year as compared with the same period of 1969. This is an upward surge the like of which has never before been seen in the Federal Republic.

Gross industrialist incomes scarcely rose at all whereas wages and salaries went up by seventeen per cent. There was also an increase in the difference between the actual wages paid and tariff-agreed

Women workers get worse pay

Women workers in the Federal Republic receive far worse pay in comparison to men in the same jobs in this country than their Italian and French counterparts, according to the European Commission in Brussels which published these figures in the annual report on comparative wages in European Economic Community countries.

The explanation for this is largely that women in this country have not received sufficient career training.

Federal Republic women workers earn thirty per cent less than male workers doing the same job. In Italy the figure is 25 per cent and in France slightly higher.

(Köln Stadt-Anzeiger, 14 July 1970)

Conflict of aims still dogs economic policies

The brief warning strike by one thousand Ford workers in protest at tax increases has had an effect. The effect is that union leaders have grown nervous.

What other basis but uncertainty could there be to explain the polemics of spokesmen for IG Metall (the metalworkers union) who have warned about too much "giving way" at forthcoming wage negotiations.

Uncertainty is always a bad basis on which to build policies and that includes wage tariff policies.

Union leaders with insight are well aware that restraint is not only of benefit to the government but is also to the advantage of the worker.

There are only two routes to stability, one a short cut, the other the long way round.

The economic situation would rapidly improve if only a halt could be called to wage demands and increases. It is not necessary to be like those propaganda-mongers in the Industries Federation who believe that it is always the fault of inflated wages when prices rise.

Today's pressure on the economy comes most decidedly from wages.

A national economy that has seen a growth in productivity of only five or six

wages. This wage drift was 5.2 points in these three months.

There were no records for productivity. Production increased by only five per cent per working hour. And the DIW has noted that wage costs per article produced, which were stable for a long time, have risen considerably.

There can be no doubt that the restrictive policies of the government and Bundesbank correspond to a development in wages and salaries of around the eight or nine per cent level.

But not all sections of the working population are involved in economic trends in this way. Workers in industry managed to increase their pay packets by the greatest amounts. Salaries for white-collar workers went up far less.

But pieces of good advice are an expensive proposition for trade unions. Officials find themselves on the horns of a dilemma: If the unions are to remain an attractive proposition for their members they must do something concrete about actual incomes.

If on the other hand they aggravate the economic situation with a series of heavy wage demands they know it will be just a matter of time before the resultant cuts in industrial investment boomerang on them by causing unemployment.

Now that Karl Schiller's concerted action committee is back in the headlines the time has come to ask the question, what role do the trade unions play?

Certainly they cannot be expected to act merely as "registrars" in the course of the economy. Their demands for tariff guarantees for actual wages and a wages policy that corresponds more exactly to operating conditions in companies are justified.

Even those who consider the Confederation of Federal Republic Trade Unions' call for worker participation on an equal footing misguided must surely agree to grant unions and employees greater rights of participation in companies.

In addition to this, however, it is essential for injustices in wages policies arising from the inter-relationship of the State and both sides of industry to be counterbalanced by measures enabling workers to accumulate capital wealth.

Peter Sweets-Sporck
(DER VOLKSWIRT, 17 July 1970)

Apprentices are entitled to strike

The Confederation of Federal Trades Unions (DGB) has firmly in favour of allowing apprentices to go on strike with the other members of their prospective profession.

The DGB backs up this demand by pointing to the new legislation on training, which makes provision for agreements for apprentices aimed at regulating training compensation and controlling working conditions.

This legislation is at present under discussion and will not apply to apprentices until 1 January 1971.

According to the legislation on agreements for apprentices, companies during the period of training have among the material conditions of work that are to be preserved in a strike of the tobacco industry.

In the United States in the first year after the introduction of anti-smoking legislation the enforced inclusion on the part of a printed warning that cigarette smoking presented a health hazard the number of young people who smoked dropped from 36 to 28 per cent.

Some have pointed to the example of the United States where cigarette advertising was banned in 1962, but tobacco consumption has continued to increase slowly.

It is thought that banning cigarette advertising alone is not the answer. The cigarette industry is well aware that its arguments are not exactly watertight and are open to dispute. For this reason in 1966 the industry in cooperation with the Health Ministry in Bonn campaign, that is to say not for voluntary agreement to cuts in advertising, but for a ban.

As far as industry is concerned the ban on those that might appeal to the young, of apprentices would not have any effect on production. In trades and professions where the young people are in the majority, it could lead to a situation where they were putting themselves to employers in trades and professions where the young people are in the minority.

The classic case is advertisements for crack sportsmen who are, or at least look, twenty-five or younger who puff at a cigarette.

According to Dr Brauer, speaking at the Federal Republic medical conference, the cigarette industry did not stick to these rules. He said: "Young yachtsmen and jet skiers are still used as examples for the young."

A survey conducted in schools in this country dealing with smoking came to the conclusion that the proportion of young people who smoke has increased since 1964.

In fact whereas Schiller wants to keep his foot on the brake his colleagues in the Finance Ministry, Alex Möller, have stepped on the gas again. He considers that Schiller is acting unjustly and that stability will be back with us by the end of this year. This is a bold speculation.

Honeyed talk cannot hide the fact that government spending being increased by more than twelve per cent next year will heat up the economy that we are supposed to be cooling.

In 1968 Franz Josef Strauss forecasted a budget of 91,200 million Marks for 1969. In 1969 Möller speculated that government spending for 1971 would be 97,000 million and now we can be sure that it will be more than one hundred thousand million Marks.

It is ridiculous to complain of the building costs, call for a check in design for housing and then announce a 35 per cent increase in the building budget.

It is easy to understand the government's impatience to get on with reducing the concentration on the matter of economic stabilisation seriously.

Until the bout of wage demands in the autumn depends upon us no one can be sure how long the squeeze will have to be maintained.

Economic Affairs Minister Karl Schiller is working on the assumption that he will be able to relieve the pressure at some

CONSUMER MARKETS

Research institute tries to boost tobacco's reputation

The same conclusion. The organisers claim that the youngster smoking his first packet of cigarettes is the great favourite of executives in the cigarette industry.

Despite many infringements of the self-imposed restrictions on advertising the arbitration committee set up by the tobacco industry and consisting of three senior judges from Hamburg has so far only penalised one concern for such an infringement of the agreement with the prescribed maximum penalty of 200,000 Marks.

The cigarette industry is using not only persuasion by words to convince the public and legislators that it is deeply concerned with protecting the health of the general public.

In Hamburg a research institute has been established costing 10 million Marks. Its purpose is to isolate toxic substances found in cigarette smoke and to remove them or find a way of preventing their formation. The cigarette industry association has granted 4.5 million Marks annually to achieve this aim.

A major part of the institute's work is analysing cigarette smoke, which is an arduous task. Professor Döntenwill, the head of the institute, said that a cigarette consists of approximately 8,000 different substances of which only a very few are harmful.

In addition to this, tests are being carried out which it is hoped will lead to conclusions that can be passed on to the public to calm their anxiety about smoking.

The most recent example, Professor Döntenwill said, is the research carried out into "passive smoking" to estimate the amount of poisonous substances inhaled by a non-smoker in a room filled with smokers.

It was thought in 1954 that a non-smoker inhaled as much nicotine and tar as a smoker, but recent research by the Hamburg Institute has shown that this is not so and the situation is far more favourable for the person who does not smoke.

This conclusion which is to be published shortly, is being regarded with scepticism by doctors at the Health Ministry.

Similar tests carried out in a number of East Bloc countries have come to a completely different conclusion than that of the Hamburg Institute.

As a survey conducted in schools in this country dealing with smoking came to the conclusion that the proportion of young people who smoke has increased since 1964.

In fact whereas Schiller wants to keep his foot on the brake his colleagues in the Finance Ministry, Alex Möller, have stepped on the gas again. He considers that Schiller is acting unjustly and that stability will be back with us by the end of this year. This is a bold speculation.

Honeyed talk cannot hide the fact that government spending being increased by more than twelve per cent next year will heat up the economy that we are supposed to be cooling.

In 1968 Franz Josef Strauss forecasted a budget of 91,200 million Marks for 1969. In 1969 Möller speculated that government spending for 1971 would be 97,000 million and now we can be sure that it will be more than one hundred thousand million Marks.

It is ridiculous to complain of the building costs, call for a check in design for housing and then announce a 35 per cent increase in the building budget.

It is easy to understand the government's impatience to get on with reducing the concentration on the matter of economic stabilisation seriously.

Until the bout of wage demands in the autumn depends upon us no one can be sure how long the squeeze will have to be maintained.

Economic Affairs Minister Karl Schiller is working on the assumption that he will be able to relieve the pressure at some

the same conclusion. The organisers claim that the youngster smoking his first packet of cigarettes is the great favourite of executives in the cigarette industry.

Despite many infringements of the self-imposed restrictions on advertising the arbitration committee set up by the tobacco industry and consisting of three senior judges from Hamburg has so far only penalised one concern for such an infringement of the agreement with the prescribed maximum penalty of 200,000 Marks.

The cigarette industry is using not only persuasion by words to convince the public and legislators that it is deeply concerned with protecting the health of the general public.

In Hamburg a research institute has been established costing 10 million Marks. Its purpose is to isolate toxic substances found in cigarette smoke and to remove them or find a way of preventing their formation. The cigarette industry association has granted 4.5 million Marks annually to achieve this aim.

A major part of the institute's work is analysing cigarette smoke, which is an arduous task. Professor Döntenwill, the head of the institute, said that a cigarette consists of approximately 8,000 different substances of which only a very few are harmful.

In addition to this, tests are being carried out which it is hoped will lead to conclusions that can be passed on to the public to calm their anxiety about smoking.

The most recent example, Professor Döntenwill said, is the research carried out into "passive smoking" to estimate the amount of poisonous substances inhaled by a non-smoker in a room filled with smokers.

It was thought in 1954 that a non-smoker inhaled as much nicotine and tar as a smoker, but recent research by the Hamburg Institute has shown that this is not so and the situation is far more favourable for the person who does not smoke.

This conclusion which is to be published shortly, is being regarded with scepticism by doctors at the Health Ministry.

Similar tests carried out in a number of East Bloc countries have come to a completely different conclusion than that of the Hamburg Institute.

As a survey conducted in schools in this country dealing with smoking came to the conclusion that the proportion of young people who smoke has increased since 1964.

In fact whereas Schiller wants to keep his foot on the brake his colleagues in the Finance Ministry, Alex Möller, have stepped on the gas again. He considers that Schiller is acting unjustly and that stability will be back with us by the end of this year. This is a bold speculation.

Honeyed talk cannot hide the fact that government spending being increased by more than twelve per cent next year will heat up the economy that we are supposed to be cooling.

In 1968 Franz Josef Strauss forecasted a budget of 91,200 million Marks for 1969. In 1969 Möller speculated that government spending for 1971 would be 97,000 million and now we can be sure that it will be more than one hundred thousand million Marks.

It is ridiculous to complain of the building costs, call for a check in design for housing and then announce a 35 per cent increase in the building budget.

It is easy to understand the government's impatience to get on with reducing the concentration on the matter of economic stabilisation seriously.

Until the bout of wage demands in the autumn depends upon us no one can be sure how long the squeeze will have to be maintained.

Economic Affairs Minister Karl Schiller is working on the assumption that he will be able to relieve the pressure at some

of Professor Döntenwill's institute. As a result of their tests they have banned smoking at work places.

The head of the cigarette industry's research institute in Hamburg considers smoking far less dangerous than many other doctors. In his view it is with regard to heart disease and lung cancer "just one factor among many."

No other research organisation in the Federal Republic is thought to possess such a detailed knowledge of the hazards of smoking. The Hamburg institute has, since it was established, sent 10,000 rats and mice to their death with cigarette smoke.

The animals are kept in glass containers and forced at carefully controlled intervals of time to inhale measured amounts of cigarette smoke. Few of them have survived this treatment for much more than six months. File cards show the cause of death in the case of each rodent: Cancer X or Y, that is to say the various kinds of carcinoma are always the cause.

Professor Döntenwill, himself a non-smoker, said with a smile: that colleagues of his in Britain are approaching the subject from the opposite direction.

Whereas Döntenwill is hoping to produce a cigarette without nicotine ("which would no longer be a cigarette") and all other toxic substances, which he himself says would be very difficult, the British are attempting to produce a completely new kind of synthetic cigarette which from the outset would contain no poisons.

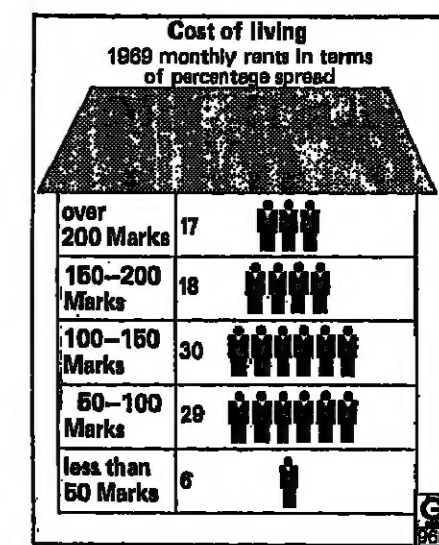
Döntenwill's answer to the statistical evidence presented on cigarette smoking and the attacks that have been leveled against the industry as a result is: "If we succeed in reducing the lethal substances in cigarettes by fifty per cent we will be doing just as much good as if we went all out to cut down cigarette consumption."

Professor Döntenwill has figures to bolster his arguments. He says that since 1950 the amount of tar in the average Federal Republic cigarette has been reduced from forty to twelve milligrammes. The nicotine content has been cut from four milligrammes to one.

On the other hand tests carried out by the consumer guide magazine DM, which the cigarette industry is not keen to dispute, show that the nicotine and even more so the tar content of cigarettes in this country are way above the pacifying figures released by Professor Döntenwill — and hence those with a vested interest in the tobacco industry.

In the period between 1968 and 1969 alone the nicotine and tar content of certain brands of cigarettes, including those that claim to be *nikotharm* (nicotine-reduced) went up by around twenty per cent.

Ulrich Manz
(Köln Stadt-Anzeiger, 17 July 1970)



Lauritzen publishes facts and figures on housing problem

DIE WELT
UNABHÄNGIGE TAGZEITUNG FÜR DEUTSCHLAND

The government intends to take steps with regard to the situation in housing in this country that will make it possible for every tenant to appeal against unjustified demands by his landlord, according to the Minister of Housing Herr Lauritzen, who was speaking at a press conference in Bonn.

A long-term programme will be aimed at providing public money for building 250,000 houses every year. In 1969 only 150,000 such houses were erected.

The government is aiming at making the average rent for these properties around 3-Mark-60-Pfennig per square metre.

Lauritzen stated that he was quite happy about the housing plan for 1971 which puts house-building and town planning second on the list of priorities in the catalogue of domestic reforms.

Budgeting for housing and town planning will be gradually increased from 1,900 million Marks this year to 2,600 million Marks in 1971 rising to 3,700 million Marks in 1974.

Allocations for housing subsidised from public funds would rise in the same period from 256 million to 307 million Marks. (This programme of *sozialer Wohnungsbau* provides houses built with the support of the public authorities under the First Housing Law and intended for those sections of the population with monthly incomes of not more than 600 Marks).

So that the government can meet the demand for new housing despite the fact that these funds are only rising at a comparatively slow rate the government will for the first time include in its budget "a long-term building programme".

This will amount to 173 million Marks in 1971. It will rise to 448 million Marks and reach 502 million Marks, finally rising to 551 million Marks in 1974.

Minister Lauritzen gave the following figures for this country's housing shortage: at the moment 800,000 people are living as sub-tenants, in Nissen huts, basements and other makeshift houses.

Annually 300,000 new names go on housing lists. In order to achieve sufficient housing with an excess of two to three per cent it will be necessary to build five million houses in the next ten years.

These half million houses per year will include 250,000 backed by public money.

Statistics published by the Housing Ministry show that the rent for a three bedroom house for a working family has virtually doubled in the past ten years.

(DIE WELT, 14 July 1970)

Economic boom gives belated boost to bowling alleys

English game of *skittles* has not been fulfilled.

In fact some disappointed bowl owners have bowed to necessity and added *Kegel* lanes to their American bowling lanes to conform to the wishes of bowlers in this country.

And to comply with their wishes the *Kegelbahnen* are generally partitioned off so that the different kind of clientele, shirt-sleeved, beer-drinking and vociferously singing can keep themselves to themselves.

Devotees of ten-pin bowling are generally speaking in a younger generation than the *Keglers*. And the younger the clientele the more fickle they are in their tastes.

They are concerned with what is "in". *Keglers* are generally speaking far more conservative.

(Frankfurter Allgemeine Zeitung für Deutschland, 14 July 1970)

CP 131-1-15

SCIENCE

Bioengineering pioneered in Hamburg and Berlin

Following the introduction of courses at Bergedorf technical college thirty bioengineers were enrolled at the beginning of the summer semester that has just ended. They are the first students of biomedical technology in this country.

In three years' time the Federal Republic will have its first technical college graduates in this important sector. As yet there are no courses in the subject for university engineering students. In the GDR, on the other hand, there has for some time been a course of study at Ilmenau technical college, Thuringia.

Bergedorf has already applied for a Volkswagen Foundation grant and is likely to meet with success since the foundation brought this interdisciplinary subject to the attention of the general public in a framework programme two years ago.

The subject itself has existed for a long time. The stethoscope with which doctors listen to heartbeat and breathing was invented in 1819. Röntgen invented X-rays with the aid of which doctors can scrutinise patients' insides without an incision in 1895.

Electrocardiography has existed since 1903 and electroencephalography since 1929. All are examples of biomedical technology.

Not until after the Second World War did it become apparent, however, that the engineering sciences boast ways and means of helping to solve a wide range of medical problems providing the two sciences cooperate closely enough.

Mutual penetration of physical, technological and biological sciences soon commenced, albeit in other countries. In this country cooperation between two such widely differing subjects with so great a gap in social prestige between the two could never develop of its own accord. Traditional divisions are too sacrosanct.

Even when international comparison makes it clear that this country is well on the way to falling behind the others some special impulse is still usually needed before new directions are taken.

This initiative was provided two years ago by the Volkswagen Foundation, which has since invested 17.8 million Marks in this new sector midway between the old. Thirteen and a half million Marks have already been made available for specific projects.

As a result biomedical technology is no longer in such a bad way in this country as was the case until quite recently. Spot checks in various places bear this assertion out. Take Berlin, for example, where Professor Bücherl of the University Hospital surgery department heads a small research section financed by a foundation grant and specialising in the development of artificial organs, particularly heart pumps.

The research team's long-term goal is, of course, the substitution of an entire artificial heart for the diseased human organ. Fifty thousand people a year die of cardiac complaints in this country. An estimated ten per cent of them could be helped by artificial hearts, did they but exist.

Unfortunately both human and animal blood is extremely sensitive where foreign bodies are concerned. Synthetic materials must be developed that not only settle in without difficulty in the human organism but can also be accepted as compatible by the blood over a longer period of time.

No such material is at present known to exist. A possible solution would be to coat the surface coming into contact with the body with a biologically living layer.

Not only this problem but also many others, such as that of valves and controls between the left and right chambers, remain to be solved. So the engineers will probably have to work on virgin territory for many years to come before medicine can benefit from the project.

Work on the development of an artificial heart has been in progress in the United States for ten or fifteen years. As yet the harmful mechanical and chemical effects of artificial blood pumps limit survival among laboratory animals to 55 hours. Fully artificial will thus be a long time coming.

With the aid of financial support from the Volkswagen Foundation another project in Berlin can also be continued. Work on the project, known as Orvid, is being carried out by radiologists at Steglitz University Hospital.

The aim is a certain degree of automation of investigation, diagnosis and documentation of X-rays of the stomach and intestines.

X-rays are not, of course, interpreted mechanically. A doctor is still involved. He examines the exposure and dictates his findings, but not in his own words. He uses a catalogue of sentences worked out by the radiological staff and stored on a magnetic plate.

The appropriate sentence can be summoned on to a TV screen at the touch of a button, the doctor makes his selection from the standardised formulae and this is then printed automatically. If necessary he adds comments of his own.

and at the touch of a button the whole is sent back into the computer, where it is stored.

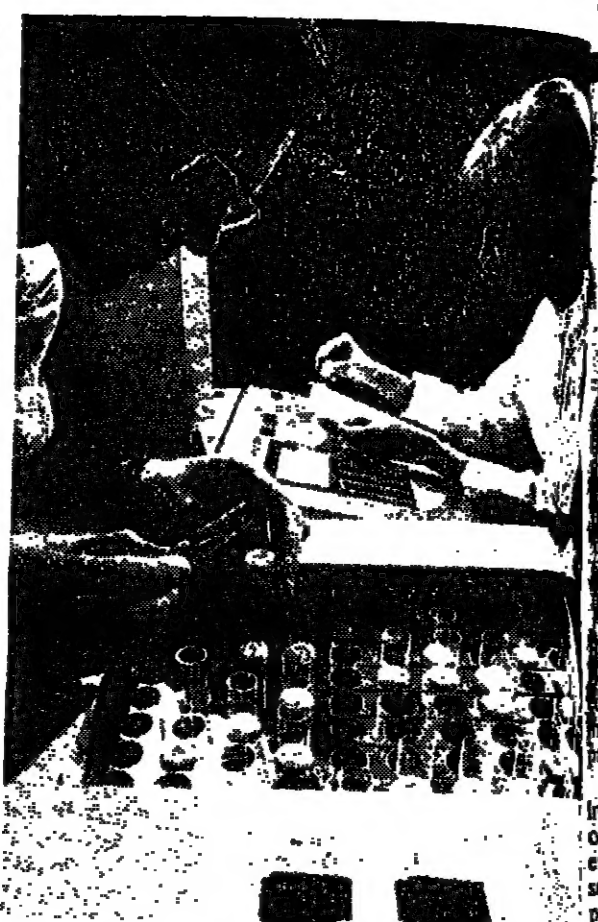
Once the computer has tens of thousands of readings stored it may be possible to link symptoms noted on an X-ray exposure with a specific diagnosis.

A third sector of biomedical technology is the development of powered artificial arms for people whose arms have been amputated above the elbow. Volkswagen Foundation funds for this purpose have been made available to the artificial limb research department of the technical university.

Some 24,000 war-wounded with arms amputated above the elbow live in this country. There are also a fair number of similar cases resulting from accidents at work or elsewhere.

They all stand to benefit enormously from any solution that might be reached by the department with the aid of the grant made by the foundation.

Wolfgang Berkefeld
(Hannoversche Allgemeine, 10 July 1970)



Computer analysis

Most hospitals nowadays suffer from laboratory staff too deskbound. Over the last five years the number of laboratory analyses per patient has doubled. New methods of analysis and more patients to deal with are combined with a continual shortage of trained staff and a modicum. Computerisation is the only answer. Scientists have now developed the first fully automatic laboratory system based on electronic data processing. The information circuit of the Silab system, of which a part is here seen, extends from the ward to the lab. The savings in time and personnel make the system a model of efficiency and make it more than likely that a large hospital will recover installation costs within a relatively short space of time.

(Photo: Silab)

More progress made in artificial heart research

In physical terms the heart is the simplest of all human organs. It is a pump powered by a natural muscle. Yet artificial hearts present the greatest of difficulties. To this day an artificial heart has yet to be developed that functions in a living body for more than 64 hours.

Now that worldwide attempts to conduct heart transplantations are considered for the time being to have proved a failure research and development work on artificial hearts has become a more interesting proposition.

One such project was launched a while ago at the Free University in West Berlin with the aid of a grant made by the Volkswagen Foundation. In the process cooperation between engineers and medical specialists to an extent unusual for this country at least is being practised.

Two engineers are engaged in work on the project one of whom came from research into the cybernetics of motoring, the other from laminar flow in flying.

This is not as improbable as may at first glance appear to be the case. Development of an artificial blood pump involves problems of automation and controls and optimum inflow technique design.

A healthy human heart can, for instance, adapt swiftly to the requirements of the circulatory system. When we climb stairs the heart pumps faster. Despite differences in performance the pumping volume of both chambers of the heart remains constant.

The manifold biological control mechanisms that play a part in this process

are for the most part beyond our ken. And since they thus cannot be directly imitated appropriate substitute transmissions must be found. The basic factors involved form part of automation and controls engineering.

Development work on pump mechanics has made slightly more progress but problems enough remain. Blood is an uncommonly sensitive substance, a liquid that can easily be destroyed both by chemical and mechanical influences.

This is why the main emphasis of the work being carried out in Berlin is on the development of new artificial valves. When open they do not represent an obstacle likely to shatter blood corpuscles and the pressure of closure is so slight that a negligible number of blood corpuscles are squashed in the process.

These artificial heart valves resemble a plastic blister into which air is pressed in time with the heartbeat.

The problem of chemical constancy has declined in importance to a certain extent since porous silicon-based synthetics have proved successful as artificial blood vessels. A cellular layer develops on the inside of arteries made of this material and separates blood from the synthetic raw material, which functions merely as a mechanical framework.

The decisive difficulty in constructing a cardiac pump of the same material is the factor of motion - mechanical movement. An artificial artery retains its shape; an artificial heart chamber must constantly change in volume. It is doubtful

whether and how a cellular layer develop on its inner surface.

Last but not least there is the problem of miniaturisation. Devices developed so far have been limited to the passage of the pump as far as what is incorporated in the breast of laboratory animals.

human guinea pigs is concerned. Pulsation has been provided from either by either pneumatic or hydraulic means.

An artificial heart that is to permit an owner to live a normal life must, however, be fully integrated. The motor must be operated into the patient's body in a manner somewhat similar to pacemakers, which have proved remarkably successful in dealing with heart trouble due to nervous disturbances.

In the case of heart pacemakers batteries must be replaced by means of operation every couple of years or so. An artificial heart calls for a good deal more energy and thus electric power must for the time being be housed in the assumption that the batteries will be housed outside the body.

They can in this way easily be replaced and replaced but, of course, pose the development of electrical connections that grow into the skin without any risk of infection. This part of the research programme on the Berlin team is engaged.

Franz Walner and Dr Klaus Affelt, two engineers in Professor E. S. Böhmer's research team, estimate that it will take about five years' development work to produce an integrated synthetic heart small enough in size.

Yet even the more straightforward kinds of artificial heart device, which prove of the greatest assistance to heart sufferers. In the case of an acute heart attack it would often be extremely useful

Continued on page 13

TRANSPORT
Highway code proposals overridden

Minister of Transport Georg Leber has now given his approval to the draft of a new highway code. As his Ministry is concerned work on a new code, which will remain valid for many years, is now over. Any changes may yet be made will be the work of the Federal state representatives, who do the different proposals of their own on points.

By appending his signature to the draft Mr Leber has also done something else. He has terminated discussion of the new code commenced at his own request four months ago when he stated that he would pay careful attention to all criticism. The Ministry organised first-rate hearings involving representatives of motoring organisations, other specialist bodies and even motoring correspondents. Many sound suggestions were made as to how the present regulations could be improved - justifiable proposals, too.

And what has come of all these suggestions? To all intents and purposes, nothing. Practically all improvement proposals made by non-Ministry specialists have fallen on deaf ears in respect of both Ministry officials and the Minister himself.

This response, or rather lack of it, has not, of course, been the result of ill will. Reference is made to international agreements (the Vienna conference) and to fundamental legal misgivings.

Impartial observers cannot, however, fail to notice that Bonn only took refuge behind the Common Market and international standardisation when it suited it to do so. Take the maximum permitted speed in built-up areas, for instance.

There is a clear majority in Europe in favour of a speed limit of sixty kilometres an hour (Britain's thirty miles an hour is equivalent to 48 kph). Sixty is the limit in Belgium, Bulgaria, France, Luxembourg, Portugal, Rumania, Switzerland, Spain, Hungary and Yugoslavia. Denmark has no standard limit.

Fifty is the limit in Finland, Greece, Britain, Holland, Italy, Norway, Austria,

Continued from page 12

to relieve the strain on at least the left side of the heart, which supplies surrounding organs with blood and has a great deal of work to perform, on a temporary basis.

In this instance a bypass pump equivalent to the electronically controlled magnetic pump of a heart-lung machine would be sufficient and should, if needed for a longer period of time, be incorporated in the patient's body by operative means.

It would be a more straightforward design and easier to control since the natural heart would continue to work and provide control signals.

A bypass pump would also not need to be so absolutely reliable as it only performs an auxiliary function. Should it for some reason or other break down the natural heart is still there and after a certain period of rest is in a position to carry on the work of pumping blood round the body itself again.

Yet even if this auxiliary heart pump device should not prove as successful as is hoped, a great deal has been learnt that will help to improve heart-lung machines, the crucial drawback of which remains the destruction of blood corpuscles by the pumping mechanism.

(Hannoversche Allgemeine, 13 July 1970)



Fifty-foot soundproofing

This strange wall under construction at Frankfurt airport is not intended to protect the runway from local residents exasperated by aircraft noise. Its purpose is to shield the people of Kelsterbach, a small nearby town, from the scream of stationary jets during servicing. The airport authorities undertook to build this fifty-foot monster following a recommendation in 1967 by Hamburg University department of sound and oscillation engineering. The first section, near Lufthansa's service bays, has now been completed at a cost of three million Marks. This first stage is 2,500 feet long. When completed the wall will be 12,500 feet long.

(Photo: Barbara Klemm)

Poland, Sweden and Czechoslovakia. Yet Bonn, which prefers to stay at fifty, continues to assert that fifty is clearly the rule in Europe.

Bonn's objection to the increase, which is nothing more or less than legalisation of the existing state of affairs, is that motorists who at present drive at sixty when fifty is the limit would drive at seventy if sixty were the maximum and that would be too much.

There is absolutely no proof to back up this assertion. A number of cities that have already increased the permitted speed on main roads, from sixty to eighty in Düsseldorf, for instance, have found that the speed at which traffic actually travels has not changed at all. Even the judges' association has advocated an increase.

The same is true of driving in lane in towns. In practice motorists have long continued in the lane they happen to be in regardless whether traffic in the inside lane is moving faster or slower than traffic in the overtaking-lane.

The Vienna convention was against legalising this principle but this country could voice "misgivings" and propose to legalise existing practice, as has been done in London, New York and Brussels.

Instead hundreds of thousands of motorists will continue to be nominally guilty of an offence against the new highway code because by staying in lane they break the law banning overtaking on the inside lane.

In many countries staying in lane is as much a matter of course as what in this country is known as the American turn. Cars turning left across the crown of the road cross in front of one another instead of driving round one another in interlocking right angles.

The legally correct procedure of driving round another plays a large part in congestion at city intersections but is to remain the legal norm unless otherwise indicated.

Here too Bonn is to shun the reverse and practical procedure of making the American turn the rule rather than the exception and only prescribing a strict right angle where this is the only solution.

These are only three points on which motoring organisations and motorists are unanimously agreed. ADAC, the automobile club, has compiled a long list of

proposals designed to make practical improvements to the new draft.

None of these proposals are new and none has never been tried out. All are procedures that have proved their worth for road safety and keeping traffic on the move either in this country or elsewhere for many years.

Are the officials concerned unsure of themselves or are they genuinely concerned about the road safety hazard? Is Herr Leber worried that more generous concessions will lead to even greater increases in accident figures?

All that can be said with any certainty is that unless the Federal states adopt a tough attitude (and only Hamburg and Hesse have so far announced their intention of doing so) the opportunity of introducing a highway code meeting market needs and requirements for many years will have been missed. And more than ten million Marks are to be spent on publishing the new code!

Michael Hill

(Handelsblatt, 17 July 1970)

Missile engine tested inaugurated

On 2 July the largest European testbed for ion missile propulsion units was inaugurated at Giessen University. This testbed, Professor Horst Löb told the press, will be available for trials of the mercury-ion engine developed in the course of a number of years under his supervision. Nicknamed Jumbo, the system is one of the propulsion units of the future for missiles to be sent into space.

(Frankfurter Allgemeine Zeitung für Deutschland, 8 July 1970)

Crashes in civil aviation treble

In the first half of this year the number of crashes in domestic civil aviation more than trebled in comparison with the corresponding period last year, more than twice as many fatal accidents being involved.

According to statistics released by the Federal aviation board in Brunswick 272 crashes occurred in civil aviation in this

Panavia prototype finances assured

Europe's new jet fighter, the Panavia 200, has scaled a crucial hurdle. Defence Minister Helmut Schmidt has approved prototype expenditure on what will be the most up-to-date flying weapons system in Europe.

The defence estimates include 100 million Marks for development of prototypes and between now and 1976 seven will be built and subjected to flight tests. Together with the announcement of this decision the first details of the new aircraft have been released. Hitherto known as the MRCA, short for multiple-range combat aircraft, the Panavia is to replace the Luftwaffe's present F 104 Starfighters.

In order to improve flight properties at low speeds and at high subsonic speeds at low altitude the Panavia, a two-seater to be powered by twin Rolls Royce RB 199 jets, will have swing wings.

According to Panavia, the Munich-based designers, it will be similar in project size to the old MRCA and so smaller and less expensive than the Phantom. A Phantom costs 21 million Marks; the Panavia 200 will, on the basis of 1970 wages, cost a good quarter less.

The Munich design team points out that the Panavia 200 will perform all three stipulated defence tasks with a high degree of efficacy.

These include both penetration into the territory of a potential enemy to destroy bases there from which attacks on this country could be launched, the sealing off of enemy attacks in immediate support of ground troops and the role as a fighter designed to protect other aircraft in the air.

As another specification was the ability to remain over or in the vicinity of a battle zone for a long time. The Panavia carries a large stock of fuel and can also handle considerable amounts of arms. As these will mainly be conventional arms taking up a good deal of room a certain minimum size was inevitable.

The new European fighter will also occupy the Bundestag defence committee, which is due to discuss the Luftwaffe's proposals for aircraft purchases in the seventies.

An alleged air defence gap that is to be bridged by the purchase of a new version of the Phantom will be one of the major topics for discussion.

In addition to the new one-seater Phantom 4EF a further development of the Starfighter, the Lockheed CL 1200, will also be under consideration.

The conclusion reached will also decide whether or not the Panavia 200 is to be purchased. Although a decision as to the number to be ordered cannot be made until flight tests have proved a success informed circles in Bonn feel it possible that only 200 to 250 may be ordered rather than the 400 under consideration so far.

One of the seven prototypes is accordingly to be assembled by Fiat in Turin.

Of the remaining six three are to be assembled by BAC in Warton, England, and three by Messerschmitt-Bölkow-Blohm in Augsburg. Rudolf Metzler (Süddeutsche Zeitung, 11 July 1970)

Handwritten text in a box: 13.08.70

UNABHÄNGIGE BERLINER MORGENZEITUNG

كتاب الامام احمد

Algeria	SA \$ 0.05	Colombia	col. \$ 1.—	Formosa	NT \$ 2.50	Indonesia	Rp. 15.—	Malawi	11 d	Paraguay	G. 15.—	Sudan	PT 5.—
Algeria	AF 10.—	Congo (Brazzaville)		France	FR 5.00	Iran	RI 10.—	Malaysia	S 2.50	Peru	S 0.50	Sudan	PT 5.—
Algeria	DA 0.60	Congo (F.C.P.A.)	30.—	Gambia	P.C.F.A. 20.—	Iraq	50 fils	Mali	FM 00.—	Philippines	P. phil 0.00	Tanzania	EaB 0.20
Algeria	Esc. 1.—	Congo (Kinshasa)		Gambia	11 d	Ireland	11 d	Mexico	Q 1.50	Poland	P. 2.50	Thailand	B 3.—
Algeria	\$ m n 45.—	Cuba	11 d	Germany	DM 1.—	Italy	0.40	Morocco	DM —.85	Portugal	Esc. 1.—	Trinidad and Tobago	BWT 0.20
Algeria	10 c.	Cuba Rica	C 0.25	Germany	cd 1.10	Italy	0.40	Morocco	DM —.85	Portugal	Esc. 1.—	Trinidad and Tobago	BWT 0.20
Algeria	\$ 2.—	Cuba	P 0.15	Great Britain	11 d	Ivory Coast	11 d	Nepal	Mohur 1.—	Rwanda	R. W 12.50	Togo	C.F.P. 30.—
Algeria	bfr 0.—	Cyprus	11 d	Greece	Dr 4.—	Jamaica	11 d	Netherlands	HH 0.50	Rumania	Lei 0.50	Turkey	C.F.P. 30.—
Algeria	\$ 1.50	Czechoslovakia	Kcs 0.50	Guatemala	11 d	Japan	Yen 50	Netherlands	HH 0.50	Saudi Arabia	RI 0.50	Tunisia	T 1.50
Algeria	N. Cr. 0.35	Dahomey	P.C.F.A. 30.—	Haiti	BWT 0.30	Jordan	30 fils	Netherlands	HH 0.50	Sweden	Cr 0.50	Tunisia	T 1.50
Algeria	K 0.50	Denmark	dkr 0.80	Guinea	F.G. 30.—	Kenya	RAS 0.25	New Zealand	G. ant 0.25	Switzerland	FS 0.50	Uganda	EaB 0.20
Algeria	P. Bu. 10.—	Domin. Rep.	RD 0.15	Honduras (Br.)	G 0.85	Kuwait	50 fils	Nicaragua	C 0.85	Taiwan	NT 0.50	Uruguay	P 20.—
Algeria	DA 4.40	Ecuador	S 2.50	Honduras	11 d	Lebanon	P 40.—	Niger	F.C.P.A. 30.—	Tanzania	EaB 0.20	USA	\$ 0.20
Algeria	F.C.P.A. 30.—	El Salvador	C 0.30	Hong Kong	HK 0.25	Liberia	11 d	Nigeria	11 d	South Africa	Rand 0.10	Venezuela	B 0.50
Algeria	Can. \$ —.20	Ethiopia	Eth. 0.50	Hungary	H 1.—	Libya	50 fils	Norway	Nkr 0.50	South Korea	Won 35.—	Viet Nam	V.N. 11 d
Algeria	Ch 0.50	Fiji	11 d	India	Rs 0.80	Madagascar	11 d	Pakistan	Rs 0.50	Spain	Pis 0.50	Zambia	11 d
Algeria	10 c.	French Polynesia	11 d	Indonesia	Rp. 15.—	Malawi	11 d	Paraguay	G. 15.—	Sudan	PT 5.—	Zambia	11 d